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FORTY-NINTH REPORT

TO THE

LEGISLATURE OF MASSACHUSETTS

RELATING TO THE

Registry and Return

OF

BIRTHS, MARRIAGES, AND DEATHS

IN THE

COMMONWEALTH,

FOR THE YEAR ENDING DECEMBER 31, 1890;

TOGETHER WITH THE REPORTS RELATING TO THE RETURNS OF

LIBELS FOR DIVORCE

AND TO THE RETURNS OF DEATHS INVESTIGATED BY THE

MEDICAL EXAMINERS,

FOR THE YEAR 1890.

THE PROPERTY OF THE NEW YORK HOSPITAL. DEC 27 1892

PREPARED BY THE

SECRETARY OF THE COMMONWEALTH.

WITH EDITORIAL REMARKS BY

SAMUEL W. ABBOTT, M. D.

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1891.

Commonwealth of Massachusetts.

SECRETARY'S DEPARTMENT, BOSTON, NOV. 25, 1891.

To the Honorable Senate and House of Representatives.

In conformity with the requirements of the Public Statutes, I have the honor to submit herewith the Forty-ninth Annual Registration Report, relating to the births, marriages and deaths occurring in Massachusetts and registered in the several cities and towns during the year ending Dec. 31, 1890; also, in accordance with the provisions of chapter 194, Acts of 1882, and of chapter 379, Acts of 1885, the reports, respectively, relating to libels for divorce in the several counties, and to returns of deaths, the causes and manner of which have been investigated by the medical examiners during said period.

The following tables, which appeared in last year's report, are omitted, viz.: Supplements to Tables II., IV. and VIII. — Giving the Births, Marriages and Deaths of Colored Persons; Table VII. — Birthplaces of Grooms and Brides, by Age-periods; Table XV. — Nativity of Parents of Children Born Alive; Nativity of Grooms and Brides, and Nativity and Parent Nativity of Deceased Persons; also the Occupation Tables.

The report is again edited by Dr. Samuel W. Abbott, whose ability and experience give to his analyses and summary observations a special value.

WILLIAM M. OLIN,
Secretary of the Commonwealth.

26670

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ABSTRACTS.

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Forty-ninth

ANNUAL REPORT

OF

BIRTHS, MARRIAGES, AND DEATHS,

REGISTERED IN

MASSACHUSETTS,

FOR THE YEAR ENDING DECEMBER 31, 1890.

TABLE I. — POPULATION, [1890] — BIRTHS,

General Abstract, exhibiting, in Connection with the Population Deaths registered in each County and Town in Massachusetts Children Born, the Nativity of Persons Married, and the Sex,

THE STATE AND COUNTIES.	Population, U. S. Census, **1890.**	BIRTHS.								
		Whole No.	SEX.			PARENTAGE.				
			M.	F.	Unk.	Am.	For.	Am. Fa. and For. Mo.	For. Fa. and Am. Mo.	Unk.
MASSACHUSETTS,	2,238,943	57,777	29,524	28,227	26	20,023	25,361	6,160	5,961	272
BARNSTABLE,	29,172	488	269	219	-	337	86	28	37	-
BERKSHIRE,	81,108	2,135	1,058	1,077	-	990	723	201	218	3
BRISTOL,	186,465	4,958	2,534	2,422	2	1,369	2,669	481	427	12
DUKES,	4,369	79	39	40	-	52	16	6	5	-
ESSEX,	299,995	7,104	3,607	3,495	2	2,847	2,688	790	746	33
FRANKLIN,	38,610	760	374	386	-	374	286	43	56	1
HAMPDEN,	135,713	4,136	2,115	2,020	1	1,299	2,090	371	364	12
HAMPSHIRE,	51,859	1,084	537	546	1	461	398	108	111	6
MIDDLESEX,	431,167	11,149	5,737	5,410	2	3,765	5,087	1,166	1,096	35
NANTUCKET,	3,268	50	18	32	-	38	-	9	3	-
NORFOLK,	118,950	2,710	1,390	1,319	1	1,148	1,012	265	272	13
PLYMOUTH,	92,700	1,758	889	869	-	1,040	405	156	152	5
SUFFOLK,	484,780	14,046	7,158	6,888	-	3,748	6,683	1,846	1,655	114
WORCESTER,	280,787	7,320	3,799	3,504	17	2,555	3,218	690	819	38

MARRIAGES, AND DEATHS, 1890.

according to the U. S. Census of 1890, the Births, Marriages, and during the Year 1890, — distinguishing the Sex and the Parentage of Nativity, and Aggregate and Average Ages of the Number who Died.

MARRIAGES.						DEATHS.								
	NATIVITY.						SEX.		NATIVITY.				AGE.	
Couples.	Am.	For.	Am. Groom	For. Groom	Unk.	Persons.	M.	F.	Am.	For.	Unk.	No. whose Ages are registered.	Agg'te.	Av'ge.
20,838	9,607	6,564	2,494	2158	15	43,528	21,767	21,761	31,605	11,508	415	43,379	1,480,337	34·13
245	196	20	14	14	1	567	292	275	528	34	5	565	27,627	48·90
613	373	108	72	54	6	1,476	735	741	1,132	307	37	1,462	53,810	36·80
1,885	748	749	217	171	-	3,778	1,901	1,877	2,650	1,093	35	3,771	116,645	30·93
39	27	6	2	3	1	111	65	46	95	9	7	110	5,753	52·30
2,773	1,371	739	369	291	3	6,007	3,001	3,006	4,527	1,421	59	5,942	202,756	34·11
285	200	40	21	24	-	610	288	322	535	68	7	610	27,634	45·30
1,198	538	424	126	109	1	2,653	1,318	1,335	1,911	711	31	2,646	81,831	30·93
421	243	81	37	60	-	959	445	514	742	209	8	955	38,853	40·68
3,836	1,640	1,292	478	426	-	7,948	3,869	4,079	5,632	2,246	70	7,926	264,895	33·42
18	17	-	1	-	-	80	37	43	74	6	-	80	5,296	66·20
937	486	261	116	74	-	1,968	1,022	946	1,530	423	15	1,961	75,292	38·39
803	526	125	91	61	-	1,563	827	736	1,317	234	12	1,562	68,259	43·70
5,297	1,979	2,042	690	585	1	10,819	5,443	5,376	7,211	3,523	85	10,809	335,116	31·00
2,488	1,263	677	260	286	2	4,989	2,524	2,465	3,721	1,224	44	4,980	176,570	35·46

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, U. S. Census, 1890.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Am.	For.	Am. Fa. and For. Mo.	For. Fa. and Am. Mo.	Unk.
Barnstable,	29,172	488	269	219	-	337	86	28	37	-
Barnstable,	4,023	68	41	27	-	54	2	8	4	-
Bourne,	1,442	24	14	10	-	19	2	3	-	-
Brewster,	1,003	7	5	2	-	7	-	-	-	-
Chatham,	1,954	28	22	6	-	28	-	-	-	-
Dennis,	2,899	41	22	19	-	38	-	1	2	-
Eastham,	602	11	6	5	-	8	1	1	1	-
Falmouth,	2,567	40	26	14	-	31	4	2	3	-
Harwich,	2,734	42	19	23	-	38	2	1	1	-
Mashpee,	298	13	6	7	-	10	-	2	1	-
Orleans,	1,219	18	11	7	-	17	-	-	1	-
Provincetown,	4,642	122	62	60	-	29	67	9	17	-
Sandwich,	1,819	25	16	9	-	20	1	1	3	-
Truro,	919	13	4	9		7	5	-	1	-
Wellfleet,	1,291	12	4	8			2	-	2	-
Yarmouth,	1,760	24	11	13		23	-	-	1	-
Berkshire,	81,108	2,135	1,058	1,077		990	723	201	218	3
Adams,	9,213	325	145	180		96	162	34	32	1
Alford,	297	1	-	1			-	-	-	-
Becket,	946	9	6	3	-	9	-	-	-	-
Cheshire,	1,308	15	9	6	-	9	3	-	3	-
Clarksburg,	884	26	11	15	-	15	5	2	4	-
Dalton,	2,885	54	34	20	-	30	8	6	10	-
Egremont,	845	7	4	3	-	6	1	-	-	-
Florida,	436	7	2	5	-	3	3	1	-	-
Great Barrington,	4,612	64	35	29	-	38	15	5	6	-
Hancock,	506	6	1	5	-	5	-	-	1	-
Hinsdale,	1,739	37	19	18	-	21	8	2	6	-
Lanesborough,	1,018	26	10	16	-	19	4	-	3	-
Lee,	3,785	62	32	30	-	35	14	7	6	-
Lenox,	2,880	54	33	21	-	29	11	8	6	-
Monterey,	495	13	7	6	-	11	-	1	1	-
Mt. Washington,	148	3	2	1	-	3	-	-	-	-
New Ashford,	125	-	-	-	-	-	-	-	-	-
New Marlborough,	1,305	28	11	17	-	18	4	3	3	-
North Adams,	16,074	731	371	360	-	284	326	52	68	1
Otis,	583	11	8	3	-	11	-	-	-	-
Peru,	305	5	3	2	-	4	-	-	1	-
Pittsfield,	17,281	384	192	192	-	178	106	57	42	1
Richmond,	796	24	10	14	-	12	9	1	2	-
Sandisfield,	807	16	5	11	-	12	1	1	2	-
Savoy,	569	10	5	5	-	9	-	-	1	-
Sheffield,	1,954	32	22	10	-	28	1	1	2	-
Stockbridge,	2,132	36	18	18	-	21	5	5	5	-
Tyringham,	412	5	3	2	-	5	-	-	-	-
Washington,	434	6	5	1	-	3	1	2	-	-
W. Stockbridge,	1,492	23	9	14	-	10	4	4	5	-
Williamstown,	4,221	108	45	63	-	60	32	9	7	-
Windsor,	612	7	1	6	-	5	-	-	2	-
Bristol,	186,465	4,958	2,534	2,422	2	1,369	2,669	481	427	12
Acushnet,	1,027	13	10	3	-	12	-	1	-	-
Attleborough,	7,577	218	112	106	-	99	78	27	14	-
Berkley,	894	7	5	2	-	6	-	-	1	-
Dartmouth,	3,122	46	21	25	-	31	10	1	3	1
Dighton,	1,889	25	12	13	-	16	6	1	2	-
Easton,	4,493	115	56	59	-	36	62	4	13	-
Fairhaven,	2,919	39	20	19	-	28	6	3	2	-
Fall River,	74,398	2,282	1,167	1,115	-	368	1,502	212	199	1
Freetown,	1,417	27	14	13	-	21	3	1	1	1
Mansfield,	3,432	75	39	36	-	47	17	6	5	-
New Bedford,	40,733	1,044	538	506	-	250	582	120	86	6
North Attleboro',*	6,727	169	95	74	-	66	59	21	22	1
Norton,	1,785	27	12	15	-	16	7	1	3	-

* Incorporated 1887.

Registered during the Year 1890 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Am.	For.	Am. Groom.	For. Groom.	Unk.		M.	F.	Am.	For.	Unk.		Aggte.	Avge.
245	196	20	14	14	1	567	292	275	528	34	5	565	27,027	48·90
30	28	-	1	1	-	99	41	58	95	4	-	99	4,620	46·67
10	9	-	-	1	-	22	12	10	21	1	-	22	1,271	57·77
7	6	-	1	-	-	14	8	6	13	1	-	14	836	59·71
17	16	-	1	-	-	39	14	25	39	-	-	39	2,195	56·28
32	31	-	1	-	-	64	34	30	61	1	2	64	3,296	51·50
5	3	-	1	1	-	13	8	5	13	-	-	13	746	57·38
17	11	3	1	2	-	43	21	22	41	1	1	42	1,839	43·79
31	28	1	1	1	-	43	24	19	42	1	-	43	2,356	54·79
4	3	-	1	-	-	7	3	4	7	-	-	7	266	38·00
5	5	-	-	-	-	23	17	6	22	1	-	23	1,232	53·57
51	27	15	1	7	1	92	50	42	77	14	1	92	3,287	35·73
9	4	1	4	-	-	35	19	16	27	7	1	35	1,946	55·60
3	3	-	-	-	-	17	8	9	16	1	-	17	721	42·41
11	9	-	1	1	-	22	18	4	22	-	-	22	1,158	52·64
13	13	-	-	-	-	34	15	19	32	2	-	33	1,858	56·30
613	373	108	72	54	6	1,476	735	741	1,132	307	37	1,462	53,810	36·80
76	30	26	14	6	-	149	75	74	107	38	4	147	4,232	28·79
5	4	-	-	1	-	6	4	2	5	-	1	5	311	62·20
8	8	-	-	-	-	14	8	6	11	3	-	13	732	56·31
7	6	-	1	-	-	27	19	8	17	10	-	27	1,407	52·11
3	-	-	-	3	-	17	9	8	13	4	-	17	567	33·35
17	14	-	2	1	-	49	22	27	38	10	1	49	1,562	32·49
8	8	-	-	-	-	9	2	7	9	-	-	9	274	30·44
2	1	1	-	-	-	6	4	2	6	-	-	5	116	23·20
37	23	6	5	3	-	57	27	30	48	9	-	57	2,722	47·75
1	1	-	-	-	-	13	5	8	13	-	-	13	408	31·38
14	8	1	2	3	-	41	22	19	30	11	-	41	1,576	38·44
2	2	-	-	-	-	14	8	6	9	5	-	14	689	49·21
35	22	4	3	6	-	60	30	30	48	11	1	60	2,329	38·82
9	3	3	1	2	-	40	18	22	29	11	-	40	1,495	37·37
2	2	-	-	-	-	15	7	8	12	3	-	15	643	42·87
6	5	-	-	1	-	3	3	-	2	1	-	3	204	68·00
-	-	-	-	-	-	1	-	1	1	-	-	1	6	6·00
5	4	-	1	-	-	29	17	12	24	4	1	29	1,573	54·24
158	86	34	20	17	1	307	152	155	229	66	12	304	8,462	27·84
6	6	-	-	-	-	12	3	9	12	-	-	12	615	51·25
1	1	-	-	-	-	10	5	5	8	1	1	10	695	69·50
117	66	24	15	9	3	345	173	172	259	75	11	341	11,205	32·86
7	4	1	-	-	2	16	8	8	9	6	1	16	972	60·75
7	7	-	-	-	-	22	9	13	20	2	-	22	1,233	56·05
3	2	1	-	-	-	10	6	4	9	1	-	10	532	53·20
18	18	-	-	-	-	34	15	19	28	5	1	34	1,685	49·56
10	6	1	3	-	-	29	9	20	22	6	1	29	1,507	51·97
1	1	-	-	-	-	7	5	2	5	2	-	7	433	61·87
-	-	-	-	-	-	6	1	5	3	3	-	6	296	49·33
14	11	-	2	1	-	48	28	20	40	8	-	47	2,100	44·68
30	20	6	3	1	-	70	38	32	57	12	1	69	2,518	34·49
4	4	-	-	-	-	10	3	7	9	-	1	10	681	68·10
1,885	748	749	217	171	-	3,778	1,901	1,877	2,650	1,093	35	3,771	116,645	30·93
9	9	-	-	-	-	21	11	10	19	-	2	20	1,190	59·50
93	62	12	12	7	-	105	53	52	80	25	-	105	3,399	32·37
3	3	-	-	-	-	17	10	7	15	-	2	17	1,038	61·06
19	13	4	1	1	-	53	28	25	45	6	2	53	2,646	49·92
13	7	4	2	-	-	25	12	13	21	4	-	25	1,039	41·56
37	16	16	2	3	-	84	46	38	65	16	3	83	3,590	43·25
23	21	2	-	-	-	52	23	29	49	3	-	51	2,852	55·92
777	191	399	103	84	-	1,705	841	864	1,049	650	6	1,705	40,452	23·73
9	8	1	-	-	-	32	15	17	26	4	2	32	1,401	43·78
30	20	4	2	4	-	48	31	17	41	5	2	48	1,692	35·25
509	181	230	56	42	-	839	424	415	626	205	8	837	26,613	31·80
62	41	6	5	10	-	89	47	42	70	16	3	88	2,786	31·66
14	10	-	2	2	-	34	20	14	29	5	-	34	1,628	47·88

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, U. S. Census, 1890.	Births. Whole No.	Sex. M.	Sex. F.	Sex. Unk.	Parentage. Am.	Parentage. For.	Parentage. Am. Fa. and For. Mo.	Parentage. For. Fa. and Am. Mo.	Parentage. Unk.
Bristol — Con.										
Raynham,	1,340	20	9	11	-	16	3	-	1	-
Rehoboth,	1,786	32	15	17	-	23	6	1	2	-
Seekonk,	1,317	24	12	12	-	18	2	4	-	-
Somerset,	2,106	56	22	34	-	31	14	6	5	-
Swanzey,	1,456	23	16	7	-	14	7	2	-	-
Taunton,	25,448	671	343	326	2	240	294	68	67	2
Westport,	2,599	45	16	29	-	31	11	2	1	-
DUKES,	4,369	79	39	40	-	52	16	6	5	-
Chilmark,	353	4	2	2	-	4	-	-	-	-
Cottage City,	1,080	24	15	9	-	8	12	2	2	-
Edgartown,	1,156	30	11	19	-	24	2	3	1	-
Gay Head,	139	6	3	3	-	5	-	-	1	-
Gosnold,	135	2	1	1	-	1	1	-	-	-
Tisbury,	1,506	13	7	6	-	10	1	1	1	-
ESSEX,	299,995	7,104	3,607	3,495	2	2,847	2,688	790	746	33
Amesbury,	9,798	233	115	117	1	95	86	17	33	2
Andover,	6,142	118	61	57	-	47	39	16	14	2
Beverly,	10,821	205	109	96	-	123	25	37	20	-
Boxford,	865	7	1	6	-	5	1	-	1	-
Bradford,	3,720	73	40	33	-	41	16	8	5	3
Danvers,	7,454	147	76	71	-	85	31	13	18	-
Essex,	1,713	30	13	17	-	19	5	3	3	-
Georgetown,	2,117	40	11	29	-	29	6	2	3	-
Gloucester,	24,651	593	279	314	-	210	239	71	73	-
Groveland,	2,191	32	19	13	-	20	9	-	3	-
Hamilton,	961	10	6	3	1	8	-	2	-	-
Haverhill,	27,412	678	354	324	-	304	222	72	79	1
Ipswich,	4,439	79	41	38	-	40	17	13	8	1
Lawrence,	44,654	1,294	659	635	-	239	808	124	122	1
Lynn,	55,727	1,439	764	675	-	602	472	183	161	21
Lynnfield,	787	17	9	8	-	15	1	-	1	-
Manchester,	1,789	42	23	19	-	27	9	2	4	-
Marblehead,	8,202	168	86	82	-	126	12	20	10	-
Merrimac,	2,633	48	24	24	-	26	13	3	6	-
Methuen,	4,814	108	59	49	-	25	51	17	14	1
Middleton,	924	12	3	9	-	8	-	1	3	-
Nahant,	880	16	5	11	-	5	4	4	3	-
Newbury,	1,427	9	3	6	-	7	1	1	-	-
Newburyport,	13,947	292	139	153	-	149	73	41	29	-
North Andover,	3,742	94	45	49	-	29	38	17	10	-
Peabody,	10,158	227	116	111	-	87	96	23	21	-
Rockport,	4,087	69	34	35	-	34	21	6	8	-
Rowley,	1,248	11	5	6	-	9	-	2	-	-
Salem,	30,801	764	381	383	-	272	359	62	71	-
Salisbury,	1,216	19	8	11	-	17	-	1	1	-
Saugus,	3,673	115	64	51	-	71	20	9	14	1
Swampscott,	3,198	60	27	33	-	35	9	14	2	-
Topsfield,	1,022	19	11	8	-	12	-	4	3	-
Wenham,	886	14	5	9	-	13	-	-	1	-
West Newbury,	1,796	22	12	10	-	13	5	2	2	-
FRANKLIN,	38,610	760	374	386		374	286	43	56	1
Ashfield,	1,025	16	10	6		14	1	-	1	-
Bernardston,	770	10	2	8		9	1	-	-	-
Buckland,	1,570	32	12	20		16	9	6	1	-
Charlemont,	972	18	8	10	-	12	3	2	1	-
Colrain,	1,671	34	21	13		18	9	3	4	-
Conway,	1,451	15	9	6		8	3	1	3	-
Deerfield,	2,910	47	23	24		25	15	2	5	-
Erving,	972	18	4	14	-	13	3	2	-	-
Gill,	960	6	3	3	-	3	2	-	1	-
Greenfield,	5,252	93	52	41	-	55	22	8	8	-

Registered during the Year 1890 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Am.	For.	Am. Groom.	For. Groom.	Unk.		M.	F.	Am.	For.	Unk.		Agg'te.	Av'ge.
6	6	-	-	-	-	26	12	14	25	1	-	26	1,686	64·85
19	18	1	-	-	-	30	21	9	29	1	-	30	1,690	56·33
3	3	-	-	-	-	21	8	13	19	2	-	21	1,248	59·43
14	10	1	2	1	-	37	20	17	29	8	-	36	1,708	47·44
11	9	-	1	1	-	19	12	7	16	3	-	19	721	37·95
217	106	66	29	16	-	493	246	247	354	134	5	493	16,976	34·43
17	14	3	-	-	-	48	21	27	43	5	-	48	2,290	47·71
39	27	6	2	3	1	111	65	46	95	9	7	110	5,753	52·30
5	5	-	-	-	-	10	5	5	9	-	1	10	547	54·70
13	7	2	1	3	-	32	24	8	26	4	2	32	1,336	41·75
9	5	2	1	-	1	23	11	12	22	1	-	22	1,396	63·46
1	-	1	-	-	-	8	4	4	8	-	-	8	406	50·75
2	2	-	-	-	-	1	1	-	1	-	-	1	21	21·00
9	8	1	-	-	-	37	20	17	29	4	4	37	2,047	55·32
2,773	1,371	739	369	291	3	6,007	3,001	3,006	4,527	1,421	59	5,942	202,756	34·11
87	41	28	11	7	-	184	96	88	145	38	1	180	6,025	33·47
35	19	5	4	7	-	102	46	56	78	24	-	102	4,105	40·24
119	64	17	27	10	1	169	84	85	144	24	1	168	6,721	40·01
1	1	-	-	-	-	19	13	6	18	1	-	19	873	45·95
28	19	3	2	4	-	70	33	37	58	11	1	69	2,317	33·10
54	35	5	5	9	-	152	71	81	113	37	2	152	7,442	48·96
14	13	-	-	1	-	26	9	17	24	2	-	26	1,113	42·81
13	10	-	1	2	-	37	17	20	31	6	-	37	1,827	49·38
180	75	53	27	25	-	424	258	166	274	143	7	377	11,357	30·12
15	12	-	2	1	-	39	22	17	27	11	1	39	1,875	48·08
8	7	-	1	-	-	17	12	5	17	-	-	17	998	58·71
319	180	61	39	39	-	518	258	260	431	84	3	518	15,814	30·53
45	24	7	12	2	-	83	43	40	73	9	1	83	3,871	46·64
474	122	237	68	46	1	1,184	565	619	740	435	9	1,179	27,688	23·48
662	321	174	90	76	1	948	492	456	738	198	12	945	31,871	33·73
3	3	-	-	-	-	10	5	5	8	1	1	10	524	52·40
10	6	1	2	1	-	25	11	14	21	3	1	25	1,419	56·76
68	51	2	11	4	-	164	80	84	134	29	1	163	7,090	43·50
15	10	-	4	1	-	37	15	22	33	3	1	37	1,566	42·32
30	17	5	4	4	-	121	64	57	86	34	1	121	5,298	43·70
11	7	-	2	2	-	10	5	5	9	1	-	10	628	62·80
4	3	-	1	-	-	11	7	4	7	4	-	11	681	61·91
4	3	-	-	1	-	12	8	4	11	1	-	12	594	49·50
132	90	24	10	8	-	320	145	175	273	44	3	319	11,899	37·30
27	17	5	2	3	-	81	41	40	61	20	-	81	2,488	30·72
58	27	16	8	7	-	202	95	107	159	43	-	202	6,915	34·23
40	23	12	4	1	-	80	48	32	64	14	2	80	3,552	44·40
7	5	1	1	-	-	32	16	16	30	2	-	32	1,706	53·31
225	103	78	24	20	-	714	344	370	536	175	3	714	24,940	34·93
9	8	-	1	-	-	37	16	21	34	3	-	37	1,638	44·27
18	10	2	1	5	-	65	30	35	57	5	3	64	2,570	40·16
26	20	2	-	4	-	47	24	23	41	5	1	46	1,959	42·59
7	5	-	2	-	-	21	8	13	20	1	-	21	1,238	58·95
11	10	-	1	-	-	16	4	12	15	1	-	16	784	49·00
14	10	1	2	1	-	30	16	14	17	9	4	30	1,370	45·67
285	200	40	21	24	-	610	288	322	535	68	7	610	27,634	45·30
3	2	1	-	-	-	22	13	9	22	-	-	22	1,479	67·23
6	6	-	-	-	-	19	10	9	19	-	-	19	1,021	53·74
18	14	2	1	1	-	33	18	15	26	7	-	33	1,488	45·09
7	6	-	1	-	-	18	8	10	17	1	-	18	885	49·17
16	13	1	1	1	-	22	9	13	20	2	-	22	1,047	47·59
15	11	3	1	-	-	22	11	11	21	1	-	22	901	40·95
9	7	1	-	1	-	49	25	24	36	12	1	49	2,450	50·00
10	8	-	-	2	-	14	6	8	11	3	-	14	684	48·86
7	6	-	1	-	-	14	10	4	12	1	1	14	416	29·71
45	26	6	9	4	-	67	30	37	63	4	-	67	3,332	49·73

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, U. S. Census, 1890.	Births. Whole No.	Sex. M.	Sex. F.	Sex. Unk.	Parentage. Am.	Parentage. For.	Parentage. Am. Fa. and For. Mo.	Parentage. For. Fa. and Am. Mo.	Parentage. Unk.
Franklin — Con.										
Hawley,	515	4	2	2	-	4	-	-	-	-
Heath,	503	10	4	6	-	8	-	-	2	-
Leverett,	702	14	7	7	-	12	1	1	-	-
Leyden,	407	5	1	4	-	1	1	-	3	-
Monroe,	282	6	6	-	-	5	1	-	-	-
Montague,	6,296	228	117	111	-	39	168	8	13	-
New Salem,	856	11	4	7	-	7	-	1	2	1
Northfield,	1,869	21	11	10	-	13	4	3	1	-
Orange,	4,568	113	48	65	-	74	32	1	6	-
Rowe,	541	7	6	1	-	3	3	1	-	-
Shelburne,	1,553	12	4	8	-	8	2	1	1	-
Shutesbury,	453	5	1	4	-	4	-	-	1	-
Sunderland,	663	9	6	3	-	5	1	2	1	-
Warwick,	565	8	5	3	-	8	-	-	-	-
Wendell,	505	9	5	4	-	4	4	-	1	-
Whately,	779	9	3	6	-	6	1	1	1	-
HAMPDEN,	135,713	4,136	2,115	2,020	1	1,299	2,090	371	364	12
Agawam,	2,352	33	18	15	-	14	14	2	3	-
Blandford,	871	16	12	4	-	15	-	-	1	-
Brimfield,	1,096	20	10	10	-	15	2	1	2	-
Chester,	1,295	33	16	17	-	25	3	2	3	-
Chicopee,	14,050	439	232	207	-	103	252	48	36	-
Granville,	1,061	21	14	7	-	14	3	2	2	-
Hampden,	861	5	3	2	-	4	-	1	-	-
Holland,	201	3	1	2	-	3	-	-	-	-
Holyoke,	35,637	1,521	771	749	1	223	1,080	101	115	2
Longmeadow,	2,183	64	37	27	-	16	42	1	5	-
Ludlow,	1,939	36	20	16	-	14	14	5	3	-
Monson,	3,650	54	29	25	-	29	16	4	5	-
Montgomery,	266	3	2	1	-	2	-	1	-	-
Palmer,	6,520	190	83	107	-	64	94	16	15	1
Russell,	879	18	8	10	-	10	3	3	2	-
Southwick,	914	12	7	5	-	11	-	-	1	-
Springfield,	44,179	1,200	624	576	-	501	437	124	131	7
Tolland,	393	12	6	6	-	8	1	2	1	-
Wales,	700	13	6	7	-	7	1	3	2	-
Westfield,	9,805	240	114	126	-	127	69	27	17	-
West Springfield,	5,077	172	85	87	-	77	51	24	18	2
Wilbraham,	1,814	31	17	14	-	17	8	4	2	-
HAMPSHIRE,	51,859	1,084	537	546	1	461	398	108	111	6
Amherst,	4,512	62	33	29	-	43	8	4	2	5
Belchertown,	2,120	36	15	21	-	20	9	6	1	-
Chesterfield,	608	5	4	1	-	3	2	-	-	-
Cummington,	787	15	4	11	-	12	2	-	1	-
Easthampton,	4,395	97	48	49	-	38	29	15	15	-
Enfield,	952	22	11	11	-	13	6	3	-	-
Goshen,	297	5	2	3	-	4	1	-	-	-
Granby,	765	18	9	9	-	13	3	2	-	-
Greenwich,	526	13	8	5	-	10	1	-	2	-
Hadley,	1,669	28	12	16	-	11	11	3	3	-
Hatfield,	1,246	21	16	5	-	13	5	1	2	-
Huntington,	1,385	38	24	14	-	21	12	3	2	-
Middlefield,	455	8	4	4	-	6	2	-	-	-
Northampton,	14,990	310	145	165	-	114	119	31	46	-
Pelham,	486	9	4	5	-	9	-	-	-	-
Plainfield,	435	3	-	3	-	3	-	-	-	-
Prescott,	376	8	4	4	-	6	-	1	1	-
Southampton,	1,017	13	10	3	-	8	4	-	1	-
South Hadley,	4,261	99	51	47	1	31	49	10	8	1
Ware,	7,329	225	103	122	-	51	125	25	24	-
Westhampton,	477	12	6	6	-	10	2	-	-	-
Williamsburg,	2,057	27	17	10	-	13	8	3	3	-
Worthington,	714	10	7	3	-	9	-	1	-	-

Registered during the Year 1890 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Am.	For.	Am. Groom.	For. Groom.	Unk.		M.	F.	Am.	For.	Unk.		Agg'te.	Av'ge.
2	2	-	-	-	-	10	7	3	10	-	-	10	589	58·90
3	3	-	-	-	-	6	3	3	6	-	-	6	350	58·33
10	10	-	-	-	-	10	3	7	10	-	-	10	394	39·40
2	1	-	1	-	-	7	3	4	7	-	-	7	394	56·29
-	-	-	-	-	-	7	5	2	7	-	-	7	261	37·29
46	23	14	2	7	-	92	48	44	67	25	-	92	2,096	22·78
3	3	-	-	-	-	15	4	11	13	1	1	15	901	60·07
12	9	1	-	2	-	23	14	9	20	3	-	23	1,623	70·56
36	20	10	2	4	-	70	21	49	67	2	1	70	2,502	35·74
4	3	1	-	-	-	9	5	4	9	-	-	9	499	55·44
14	11	-	2	1	-	25	8	17	19	4	2	25	1,170	46·80
2	2	-	-	-	-	8	3	5	8	-	-	8	611	76·37
3	3	-	-	-	-	12	4	8	12	-	-	12	612	51·00
2	1	-	-	1	-	11	8	3	11	-	-	11	657	59·73
4	4	-	-	-	-	6	6	-	5	-	1	6	367	61·17
6	6	-	-	-	-	19	6	13	17	2	-	19	905	47·63
1,198	538	424	126	109	1	2,653	1,318	1,335	1,911	711	31	2,646	81,831	30·93
11	7	-	2	2	-	44	24	20	37	7	-	44	1,734	39·41
5	5	-	-	-	-	13	7	6	13	-	-	13	630	48·46
6	5	1	-	-	-	25	11	14	25	-	-	25	1,330	53·20
9	9	-	-	-	-	14	9	5	10	3	1	14	796	56·86
176	53	97	13	13	-	332	168	164	217	113	2	331	9,338	28·21
9	9	-	-	-	-	18	7	11	15	2	1	18	1,115	61·94
11	8	1	-	2	-	15	9	6	11	2	2	15	930	62·00
2	2	-	-	-	-	4	2	2	4	-	-	4	248	62·00
316	91	161	35	29	-	762	382	380	475	282	5	761	17,453	22·93
16	6	8	-	2	-	33	18	15	26	5	2	32	1,046	32·69
12	7	2	3	-	-	30	15	15	21	8	1	30	1,099	36·63
22	16	-	3	3	-	45	19	26	38	7	-	45	2,083	46·29
2	2	-	-	-	-	5	2	3	4	-	1	5	112	22·40
77	28	33	10	6	-	106	50	56	76	30	-	106	3,369	31·78
5	3	-	1	1	-	20	9	11	16	4	-	20	970	48·50
4	3	-	1	-	-	9	5	4	7	1	1	8	484	60·50
382	194	98	47	42	1	861	422	439	658	193	10	859	27,515	32·03
1	1	-	-	-	-	11	6	5	8	3	-	11	327	29·73
3	3	-	-	-	-	8	5	3	8	-	-	8	421	52·62
81	60	11	8	2	-	168	83	85	139	26	3	168	6,680	39·76
35	21	9	1	4	-	97	50	47	76	20	1	96	2,943	30·66
13	5	3	2	3	-	33	15	18	27	5	1	33	1,208	36·61
421	243	81	37	60	-	959	445	514	742	209	8	955	38,853	40·68
26	20	2	-	4	-	79	35	44	69	7	3	78	3,947	50·60
17	13	-	3	1	-	53	23	30	44	8	1	53	2,833	53·45
4	1	-	2	1	-	14	8	6	14	-	-	14	796	56·86
6	5	-	1	-	-	10	6	4	10	-	-	10	716	71·60
36	21	9	3	3	-	126	59	67	93	33	-	125	3,613	28·90
9	6	2	1	-	-	19	8	11	17	2	-	19	940	49·47
3	3	-	-	-	-	4	3	1	4	-	-	4	271	67·50
2	2	-	-	-	-	11	5	6	9	2	-	11	624	56·73
5	4	1	-	-	-	9	1	8	9	-	-	9	398	44·22
10	8	-	-	2	-	42	19	23	35	7	-	42	1,750	41·67
5	2	1	-	2	-	20	10	10	16	4	-	20	1,088	54·40
9	7	1	-	1	-	29	21	8	19	10	-	29	1,320	45·52
1	1	-	-	-	-	5	-	5	4	-	1	5	242	48·40
124	66	18	16	24	-	226	99	127	160	64	2	224	7,885	35·20
1	1	-	-	-	-	10	5	5	8	2	-	10	502	50·20
4	4	-	-	-	-	7	2	5	7	-	-	7	457	65·29
3	3	-	-	-	-	7	5	2	7	-	-	7	428	61·14
4	4	-	-	-	-	13	5	8	11	2	-	13	762	58·61
32	17	10	2	3	-	79	38	41	60	19	-	79	2,657	33·63
95	43	34	7	11	-	139	69	70	100	39	-	139	4,766	34·29
2	1	-	-	1	-	4	3	1	3	1	-	4	206	51·50
21	9	3	2	7	-	43	16	27	33	9	1	43	1,979	46·02
2	2	-	-	-	-	10	5	5	10	-	-	10	673	67·30

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, U. S. Census, 1890.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Am.	For.	Am. Fa. and For. Mo.	For. Fa. and Am. Mo.	Unk.
Middlesex,	431,167	11,149	5,737	5,410	2	3,765	5,087	1,166	1,096	35
Acton,	1,897	32	13	19	-	18	6	3	5	-
Arlington,	5,629	149	75	74	-	52	64	15	18	-
Ashby,	825	10	7	3	-	10	-	-	-	-
Ashland,	2,532	62	29	33	-	34	17	5	6	-
Ayer,	2,148	52	18	34	-	26	14	6	5	1
Bedford,	1,092	16	10	6	-	8	3	5	-	-
Belmont,	2,098	46	26	20	-	15	20	6	5	-
Billerica,	2,380	48	23	25	-	20	20	5	3	-
Boxborough,	325	4	2	2	-	4	-	-	-	-
Burlington,	617	7	2	5	-	4	2	-	1	-
Cambridge,	70,028	2,122	1,075	1,047	-	599	1,073	225	216	9
Carlisle,	481	9	3	6	-	4	3	1	1	-
Chelmsford,	2,695	44	25	19	-	24	15	2	3	-
Concord,	4,427	69	37	32	-	31	31	4	3	-
Dracut,	1,996	27	14	13	-	8	12	3	4	-
Dunstable,	416	2	1	1	-	1	-	1	-	-
Everett,	11,068	387	208	178	1	166	131	47	42	1
Framingham,	9,239	241	114	127	-	101	75	36	29	-
Groton,	2,057	34	18	16	-	21	4	5	4	-
Holliston,	2,619	43	22	21	-	18	14	1	10	-
Hopkinton,	4,088	76	38	38	-	43	12	10	11	-
Hudson,	4,670	96	51	45	-	43	37	6	10	-
Lexington,	3,197	60	26	34	-	20	27	8	3	2
Lincoln,	987	11	5	6	-	6	3	1	1	-
Littleton,	1,025	14	11	3	-	5	7	1	1	-
Lowell,	77,696	2,185	1,119	1,066	-	369	1,424	210	174	8
Malden,	23,071	655	363	292	-	245	282	79	48	1
Marlborough,	13,805	390	201	189	-	135	149	34	71	1
Maynard,	2,700	74	37	37	-	20	35	9	10	-
Medford,	11,079	262	146	116	-	126	79	25	30	2
Melrose,	8,519	173	91	82	-	94	56	15	8	-
Natick,	9,118	222	97	125	-	117	46	26	33	-
Newton,	24,379	518	262	256	-	211	211	49	47	-
North Reading,	874	19	10	9	-	10	5	1	2	1
Pepperell,	3,127	77	41	36	-	40	18	9	10	-
Reading,	4,088	83	48	35	-	40	30	8	5	-
Sherborn,	1,381	18	9	9	-	3	5	3	7	-
Shirley,	1,191	24	12	12	-	17	3	3	1	-
Somerville,	40,152	1,000	534	466	-	401	393	109	97	-
Stoneham,	6,155	105	55	50	-	51	32	13	8	1
Stow,	903	16	7	9	-	10	5	1	-	-
Sudbury,	1,197	23	12	11	-	15	5	1	2	-
Tewksbury,	2,515	37	17	20	-	13	15	6	2	1
(*State Almshouse*),	-	82	43	39	-	9	49	18	6	-
Townsend,	1,750	24	11	13	-	19	2	3	-	-
Tyngsborough,	662	6	5	1	-	4	1	1	-	-
Wakefield,	6,982	174	91	83	-	67	77	15	15	-
Waltham,	18,707	482	241	240	1	181	200	50	51	-
Watertown,	7,073	150	82	68	-	52	66	12	15	5
Wayland,	2,060	44	23	21	-	23	11	3	7	-
Westford,	2,250	37	15	22	-	13	12	5	7	-
Weston,	1,664	18	7	11	-	11	5	1	1	-
Wilmington,	1,213	29	11	18	-	16	9	3	1	-
Winchester,	4,861	121	60	61	-	42	53	14	11	1
Woburn,	13,499	440	234	206	-	130	219	44	46	1
Nantucket,	3,268	50	18	32	-	38	-	9	3	-
Norfolk,	118,950	2,710	1,390	1,319	1	1,148	1,012	265	272	13
Avon,	1,384	28	13	15	-	19	2	3	4	-
Bellingham,	1,334	31	19	12	-	15	10	2	4	-
Braintree,	4,848	137	71	66	-	64	49	14	10	-
Brookline,	12,103	294	138	156	-	107	136	29	22	-
Canton,	4,538	91	37	54	-	37	27	6	21	-
Cohasset,	2,448	41	17	24	-	24	6	6	5	-
Dedham,	7,123	141	66	75	-	57	52	18	14	-

Registered during the Year 1890 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Am.	For.	Am. Groom.	For. Groom.	Unk.		M.	F.	Am.	For.	Unk.		Agg'te.	Av'ge.
3,836	1,640	1,292	478	426	-	7,948	3,869	4,079	5,632	2,246	70	7,926	264,895	33·42
16	9	4	1	2	-	38	22	16	31	7	-	38	1,679	44·18
41	14	19	2	6	-	83	48	35	54	27	2	82	2,920	35·61
7	6	-	-	1	-	9	4	5	9	-	-	9	492	54·67
21	9	6	2	4	-	35	21	14	32	2	1	35	1,322	37·77
12	9	-	1	2	-	41	17	24	34	7	-	41	1,437	35·05
7	5	1	1	-	-	21	11	10	19	2	-	21	895	42·62
15	6	8	-	1	-	24	12	12	17	7	-	24	1,084	45·17
10	4	2	-	4	-	32	15	17	25	6	1	31	1,549	49·97
6	3	-	1	2	-	1	-	1	1	-	-	1	2	2·00
1	1	-	-	-	-	9	5	4	8	1	-	9	435	48·33
641	265	229	76	71	-	1,240	588	652	833	405	2	1,237	37,696	30·47
6	2	3	-	1	-	6	3	3	6	-	-	6	348	58·00
18	10	4	1	3	-	55	26	29	45	10	-	55	2,224	40·44
32	15	11	3	3	-	59	24	35	49	8	2	59	2,354	39·90
11	3	5	1	2	-	28	12	16	23	5	-	28	1,322	47·21
4	4	-	-	-	-	7	2	5	5	2	-	7	525	75·00
90	48	20	15	7	-	175	88	87	149	26	-	175	5,174	29·57
75	32	21	13	9	-	150	81	69	116	33	1	148	5,441	36·76
20	13	2	2	3	-	31	15	16	29	2	-	31	1,472	47·48
15	12	1	-	2	-	51	26	25	43	7	1	51	2,559	50·17
20	14	-	-	6	-	88	47	41	65	21	2	84	3,351	39·89
39	31	5	2	1	-	82	44	38	67	15	-	79	2,768	35·04
21	8	9	2	2	-	59	29	30	49	10	-	59	2,927	49·61
4	4	-	-	-	-	12	7	5	10	2	-	12	487	40·58
6	5	-	-	1	-	16	7	9	15	1	-	16	961	60·06
933	283	415	121	114	-	1,960	909	1,051	1,267	669	24	1,958	50,174	25·63
232	98	75	32	27	-	369	169	200	264	100	5	366	11,956	32·67
111	54	25	13	19	-	269	138	131	201	66	2	269	7,617	28·32
28	5	13	7	3	-	48	22	26	26	21	1	48	1,650	34·38
59	41	8	5	5	-	180	85	95	149	31	-	180	6,882	38·23
78	42	19	12	5	-	102	55	47	82	20	-	102	3,864	37·88
71	37	18	10	6	-	155	80	75	111	42	2	155	6,166	39·78
209	82	84	22	21	-	333	157	176	242	87	4	333	12,912	28·77
8	5	2	-	1	-	14	8	6	13	1	-	14	777	55·50
23	13	2	4	4	-	50	26	24	42	8	-	50	2,305	46·10
27	17	5	3	2	-	65	33	32	51	13	1	65	3,000	46·15
4	3	-	-	1	-	24	7	17	21	3	-	24	917	38·21
9	5	2	1	1	-	23	9	14	19	3	1	23	1,120	48·70
259	166	116	48	29	-	668	338	330	494	171	3	668	22,136	33·14
42	26	11	3	2	-	88	45	43	70	17	1	87	3,657	42·03
4	2	2	-	-	-	10	3	7	9	1	-	10	608	60·80
3	2	-	1	-	-	14	8	6	11	3	-	14	816	58·29
10	6	3	-	1	-	55	25	30	43	11	1	55	1,931	35·11
-	-	-	-	-	-	196	124	72	53	138	5	194	8,615	44·41
13	11	-	1	1	-	37	18	19	34	3	-	37	2,067	55·86
7	7	-	-	-	-	15	6	9	14	1	-	15	959	63·93
73	30	21	14	8	-	116	57	59	90	26	-	116	3,599	31·03
170	72	51	28	19	-	284	128	156	194	86	4	284	9,836	34·63
44	15	17	9	3	-	118	50	68	92	25	1	118	4,343	36·81
14	8	2	2	2	-	31	16	15	24	7	-	31	1,317	42·48
14	5	7	1	1	-	36	15	21	26	9	1	36	1,727	47·97
9	4	1	3	1	-	19	9	10	15	3	1	19	824	43·37
6	2	3	-	1	-	11	4	7	8	3	-	11	311	28·27
45	19	13	8	5	-	84	48	36	69	15	-	84	2,953	35·15
93	48	27	7	11	-	222	123	99	164	57	1	222	8,432	37·98
18	17	-	1	-	-	80	37	43	74	6	-	80	5,296	66·20
937	486	261	116	74	-	1,968	1,022	946	1,530	423	15	1,961	75,292	38·39
14	6	1	3	4	-	17	15	2	14	3	-	17	642	37·76
7	5	2	-	-	-	19	12	7	17	2	-	19	1,112	58·53
30	14	9	3	4	-	86	44	42	67	18	1	86	2,821	32·80
125	39	58	23	5	-	142	75	67	99	41	2	137	4,943	36·08
38	20	8	5	5	-	65	29	36	42	23	-	65	2,415	37·15
12	7	-	3	2	-	42	15	27	39	3	-	42	1,946	46·33
65	31	18	11	5	-	122	67	55	86	34	2	121	5,000	41·32

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, U. S. Census, 1890.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Am.	For.	Am. Fa. and For. Mo.	For. Fa. and Am. Mo.	Unk.
Norfolk — Con.										
Dover,	727	1	-	1	-	-	-	-	1	-
Foxborough,	2,933	56	33	23	-	35	10	7	4	-
Franklin,	4,831	115	61	54	-	47	37	14	16	1
Holbrook,	2,474	46	29	17	-	28	7	7	4	-
Hyde Park,	10,193	251	132	119	-	108	93	23	27	-
Medfield,	1,493	15	9	6	-	8	3	2	2	-
Medway,	2,985	49	34	15	-	28	13	4	4	-
Millis,	786	15	5	10	-	8	4	3	-	-
Milton,	4,278	71	36	35	-	30	29	6	5	1
Needham,	3,035	60	29	31	-	22	24	5	9	-
Norfolk,	913	21	15	6	-	11	7	1	2	-
Norwood,	3,733	118	65	53	-	39	45	16	17	1
Quincy,	16,723	560	299	261	-	141	323	42	45	9
Randolph,	3,916	90	47	43	-	62	12	8	8	-
Sharon,	1,634	11	8	3	-	4	4	2	1	-
Stoughton,	4,852	103	49	54	-	63	24	6	10	-
Walpole,	2,604	47	20	26	1	18	16	8	5	-
Wellesley,	3,600	66	29	37	-	24	30	9	3	-
Weymouth,	10,866	221	113	108	-	128	45	22	25	1
Wrentham,	2,566	31	16	15	-	21	4	2	4	-
PLYMOUTH,	92,700	1,758	889	869	-	1,040	405	156	152	5
Abington,	4,260	84	42	42	-	62	9	7	6	-
Bridgewater,	4,219	56	34	22	-	35	11	8	2	-
Brockton,	27,294	677	338	339	-	331	216	64	65	1
Carver,	994	10	6	4	-	6	1	-	3	-
Duxbury,	1,908	18	11	7	-	11	-	5	2	-
East Bridgewater,	2,911	40	18	22	-	17	12	4	6	1
Halifax,	562	10	6	4	-	5	3	1	1	-
Hanover,	2,093	31	20	11	-	19	1	3	8	-
Hanson,	1,267	19	8	11	-	16	2	1	-	-
Hingham,	4,564	91	43	48	-	45	22	13	9	2
Hull,	989	11	6	5	-	7	3	1	-	-
Kingston,	1,659	22	12	10	-	16	3	1	2	-
Lakeville,	935	10	7	3	-	10	-	-	-	-
Marion,	871	12	3	9	-	11	-	-	1	-
Marshfield,	1,713	21	15	6	-	18	1	1	1	-
Mattapoisett,	1,148	10	9	1	-	10	-	-	-	-
Middleborough,	6,065	106	47	59	-	78	14	8	6	-
Norwell,	1,635	32	14	18	-	26	-	5	1	-
Pembroke,	1,320	12	4	8	-	7	2	1	2	-
Plymouth,	7,314	138	74	64	-	76	39	14	8	1
Plympton,	597	5	4	1	-	3	1	1	-	-
Rochester,	1,012	13	5	8	-	10	-	1	2	-
Rockland,	5,213	87	37	50	-	58	17	6	6	-
Scituate,	2,318	34	15	19	-	27	3	2	2	-
Wareham,	3,451	74	39	35	-	44	21	3	6	-
West Bridgewater,	1,917	21	12	9	-	14	2	2	3	-
Whitman,	4,441	114	60	54	-	78	22	4	10	-
SUFFOLK,	484,780	14,046	7,158	6,888	-	3,748	6,683	1,846	1,655	114
Boston,	448,477	13,137	6,722	6,415	-	3,392	6,322	1,749	1,562	112
Chelsea,	27,909	759	357	402	-	279	320	84	75	1
Revere,	5,668	103	57	46	-	50	32	8	12	1
Winthrop,	2,726	47	22	25	-	27	9	5	6	-
WORCESTER,	280,787	7,320	3,799	3,504	17	2,555	3,218	690	819	38
Ashburnham,	2,074	41	24	17	-	25	9	3	4	-
Athol,	6,319	100	46	53	1	61	16	11	8	4
Auburn,	1,532	25	17	8	-	10	10	4	1	-
Barre,	2,239	24	12	12	-	8	8	3	5	-
Berlin,	884	16	8	8	-	9	5	2	-	-
Blackstone,	6,138	172	89	83	-	52	89	14	17	-

Registered during the Year 1890 — Continued.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Am.	For.	Am. Groom.	For. Groom.	Unk.		M.	F.	Am.	For.	Unk.		Agg'te.	Av'ge.
2	1	1	-	-	-	11	8	3	10	1	-	11	514	46·73
24	15	2	2	5	-	48	23	25	39	9	-	48	2,161	45·02
31	18	3	5	5	-	79	44	35	66	12	1	79	2,901	36·72
16	13	2	1	-	-	37	15	22	32	4	1	37	1,593	43·08
79	39	22	12	6	-	160	68	92	124	35	1	160	4,949	30·93
14	8	1	4	1	-	21	8	13	18	3	-	21	1,172	55·81
12	10	-	1	1	-	50	28	22	37	10	3	50	2,175	43·50
7	4	1	2	-	-	14	3	11	12	2	-	14	605	43·21
32	14	11	4	3	-	60	29	31	43	17	-	60	3,126	52·10
23	10	7	3	3	-	48	29	19	36	12	-	48	2,152	44·83
9	6	2	1	-	-	15	7	8	12	3	-	15	702	46·80
29	12	13	2	2	-	56	26	30	46	10	-	56	2,752	49·14
134	48	70	9	7	-	355	184	171	270	85	-	354	9,964	28·15
35	30	3	-	2	-	102	66	36	85	17	-	102	3,422	33·55
9	5	-	2	2	-	37	20	17	28	7	2	37	1,621	43·81
44	32	4	6	2	-	70	43	27	57	13	-	70	3,126	44·66
18	12	5	1	-	-	41	23	18	33	8	-	41	1,534	37·41
26	8	10	6	2	-	52	19	33	35	15	2	52	2,245	43·17
88	69	8	6	5	-	189	107	82	156	33	-	189	8,236	43·58
14	10	-	1	3	-	30	15	15	27	3	-	30	1,463	48·77
803	526	125	91	61	-	1,563	827	736	1,317	234	12	1,562	68,259	43·70
31	25	2	2	2	-	64	32	32	57	7	-	64	3,003	46·92
32	21	2	5	4	-	103	78	25	59	43	1	103	5,120	49·71
310	161	79	37	33	-	444	229	215	362	81	1	444	12,020	27·07
5	4	-	-	1	-	29	17	12	28	1	-	29	1,513	52·17
17	15	-	1	1	-	44	23	21	42	2	-	44	2,499	56·80
20	13	5	2	-	-	51	26	25	46	5	-	51	3,009	59·00
4	3	-	-	1	-	11	8	3	10	1	-	11	766	69·63
11	11	-	-	-	-	37	14	23	30	7	-	36	1,952	54·22
11	11	-	-	-	-	24	10	14	20	4	-	24	1,268	52·83
22	12	5	5	-	-	89	44	45	73	15	1	89	4,380	49·21
9	6	2	-	1	-	12	8	4	10	2	-	12	401	33·42
12	10	-	1	1	-	22	8	14	19	3	-	22	1,184	53·82
8	6	1	1	-	-	13	6	7	12	-	1	13	711	54·69
1	1	-	-	-	-	19	9	10	19	-	-	19	1,192	62·74
10	8	-	2	-	-	28	13	15	27	1	-	28	1,640	58·57
13	11	-	1	1	-	26	19	7	25	-	1	26	1,625	62·50
50	37	6	6	1	-	97	54	43	85	11	1	97	4,608	47·51
14	10	-	4	-	-	24	10	14	23	1	-	24	1,548	64·50
14	11	2	-	1	-	20	10	10	17	3	-	20	1,210	60·50
62	41	7	7	7	-	141	74	67	120	19	2	141	6,610	46·88
5	3	2	-	-	-	13	8	5	10	2	1	13	722	55·54
7	7	-	-	-	-	19	10	9	19	-	-	19	1,121	59·00
36	26	4	5	1	-	68	36	32	53	14	1	68	2,652	39·00
18	14	-	2	2	-	42	18	24	37	4	1	42	2,046	48·71
31	25	3	2	1	-	52	25	27	47	4	1	52	2,602	50·08
16	12	3	-	1	-	15	10	5	14	1	-	15	730	48·67
34	22	2	8	2	-	56	28	28	53	3	-	56	2,127	37·98
5,297	1,979	2,042	690	585	1	10,819	5,443	5,376	7,211	3,523	85	10,809	335,116	31·00
4,937	1,819	1,926	642	549	1	10,126	5,094	5,032	6,669	3,352	75	10,116	310,172	30·66
305	137	100	42	26	-	568	287	281	410	148	10	568	21,372	37·63
35	14	11	2	8	-	79	38	41	59	20	-	79	2,297	29·08
20	9	5	4	2	-	46	24	22	43	3	-	46	1,275	27·71
2,488	1,263	677	260	286	2	4,989	2,524	2,465	3,721	1,224	44	4,980	176,570	35·46
19	14	1	-	4	-	41	26	15	39	2	-	41	2,001	48·80
66	50	4	6	6	-	100	56	44	81	14	5	100	4,165	41·65
20	9	3	4	4	-	30	18	12	25	5	-	30	556	18·53
22	18	2	-	2	-	37	19	18	33	4	-	37	1,871	50·54
12	11	1	-	-	-	17	3	14	16	1	-	17	960	56·47
72	23	33	7	9	-	128	68	60	81	46	1	128	3,882	30·33

TABLE I. — *Births, Marriages, and Deaths,*

Counties and Towns.	Population, U. S. Census, 1890.	Births.								
		Whole No.	Sex.			Parentage.				
			M.	F.	Unk.	Am.	For.	Am. Fa. and For. Mo.	For. Fa. and Am. Mo.	Unk.
Worcester — Con.										
Bolton,	827	14	5	9	-	8	3	2	1	-
Boylston,	770	21	10	11	-	8	8	3	2	-
Brookfield,	3,352	77	42	34	1	27	40	6	4	-
Charlton,	1,847	42	19	23	-	34	6	1	1	-
Clinton,	10,424	305	168	135	2	70	164	42	27	2
Dana,	700	7	4	3	-	5	1	1	-	-
Douglas,	1,908	53	34	19	-	17	27	3	6	-
Dudley,	2,944	77	38	39	-	9	50	5	13	-
Fitchburg,	22,037	643	323	320	-	200	320	65	54	4
Gardner,	8,424	303	159	144	-	105	148	17	31	2
Grafton,	5,002	113	61	52	-	31	49	15	18	-
Hardwick,	2,922	77	39	38	-	14	46	5	11	1
Harvard,	1,095	13	6	7	-	10	3	-	-	-
Holden,	2,623	69	33	34	2	21	32	5	11	-
Hopedale,*	1,176	28	18	10	-	17	4	6	1	-
Hubbardston,	1,346	24	18	6	-	16	3	3	2	-
Lancaster,	2,201	28	15	13	-	19	6	1	2	-
Leicester,	3,120	46	30	16	-	24	12	6	4	-
Leominster,	7,269	140	74	66	-	90	28	9	13	-
Lunenburg,	1,146	19	8	11	-	13	1	2	3	-
Mendon,	919	17	9	8	-	11	2	-	3	1
Milford,	8,780	215	112	103	-	91	84	13	26	1
Millbury,	4,428	106	51	55	-	30	52	7	17	-
New Braintree,	573	3	1	2	-	1	2	-	-	-
Northborough,	1,952	53	26	27	-	25	14	9	5	-
Northbridge,	4,603	125	60	64	1	35	59	8	20	3
North Brookfield,	3,871	97	43	54	-	43	26	12	16	-
Oakham,	738	19	11	8	-	16	3	-	-	-
Oxford,	2,616	47	26	21	-	22	13	9	3	-
Paxton,	445	10	5	5	-	9	-	-	1	-
Petersham,	1,050	18	11	7	-	14	4	-	-	-
Phillipston,	502	9	4	5	-	6	1	1	1	-
Princeton,	982	9	2	7	-	9	-	-	-	-
Royalston,	1,030	19	14	5	-	13	3	1	2	-
Rutland,	980	13	9	4	-	7	-	2	4	-
Shrewsbury,	1,449	24	11	12	1	17	5	2	-	-
Southborough,	2,114	49	25	22	2	24	16	3	5	1
Southbridge,	7,655	232	129	102	1	51	116	22	41	2
Spencer,	8,747	252	143	109	-	73	107	29	43	-
Sterling,	1,244	24	12	12	-	14	3	2	4	1
Sturbridge,	2,074	46	26	20	-	20	15	5	6	-
Sutton,	3,180	74	38	36	-	18	33	13	9	1
Templeton,	2,999	52	35	16	1	22	17	5	8	-
Upton,	1,878	18	9	9	-	15	-	1	2	-
Uxbridge,	3,408	80	49	31	-	28	30	10	12	-
Warren,	4,681	153	87	66	-	49	55	24	24	1
Webster,	7,031	234	125	106	3	60	133	15	24	2
Westborough,	5,195	95	48	45	2	53	15	11	10	6
West Boylston,	3,019	85	34	51	-	24	39	9	13	-
West Brookfield,	1,592	25	11	14	-	20	2	-	3	-
Westminster,	1,688	28	17	11	-	17	5	4	2	-
Winchendon,	4,390	101	50	51	-	46	35	12	8	-
Worcester,	84,655	2,511	1,266	1,245	-	769	1,241	227	268	6

* Incorporated April 7, 1886.

Registered during the Year 1890 — Concluded.

MARRIAGES.						DEATHS.								
Couples.	Nativity.					Persons.	Sex.		Nativity.			No. whose Ages are registered.	Age.	
	Am.	For.	Am. Groom.	For. Groom.	Unk.		M.	F.	Am.	For.	Unk.		Agg'te.	Av'ge.
9	8	-	1	-	-	13	4	9	12	1	-	13	723	55·61
8	5	2	-	1	-	18	9	9	14	4	-	18	519	28·83
27	17	3	2	5	-	45	19	26	33	12	-	45	2,118	27·07
12	10	-	1	1	-	21	10	11	20	1	-	21	851	40·52
92	24	41	15	12	-	158	80	78	99	59	-	158	4,611	29·18
4	3	-	-	1	-	11	1	10	10	1	-	11	299	27·18
9	6	2	-	1	-	49	23	26	41	8	-	49	2,488	49·96
25	12	4	5	3	1	62	29	33	42	20	-	62	1,715	27·66
217	95	86	13	23	-	323	148	175	236	87	-	323	9,908	30·67
81	47	14	15	5	-	176	93	83	140	32	4	176	4,948	28·11
37	13	14	3	7	-	109	51	58	82	27	-	107	3,794	35·47
22	10	6	2	4	-	51	21	30	36	15	-	50	1,719	34·38
5	3	-	1	1	-	18	9	9	15	3	-	17	1,161	68·29
14	5	5	2	2	-	44	26	18	31	13	-	44	1,944	44·18
13	12	1	-	-	-	18	14	4	13	3	2	18	601	33·39
6	3	1	1	1	-	29	12	17	29	-	-	29	1,366	47·10
21	13	2	2	4	-	41	19	22	37	3	1	41	1,657	40·41
19	13	4	2	-	-	30	21	9	23	7	-	30	1,094	36·47
80	53	8	11	8	-	105	51	54	93	11	1	105	4,623	44·03
10	10	-	-	-	-	25	9	16	24	1	-	25	1,637	65·48
7	7	-	-	-	-	16	6	10	14	2	-	16	919	57·44
65	38	16	6	5	-	159	86	73	115	43	1	159	6,174	38·83
36	19	8	6	3	-	74	39	35	54	19	1	74	2,639	35·66
3	3	-	-	-	-	10	3	7	10	-	-	10	543	54·30
32	14	10	2	6	-	32	14	18	27	5	-	32	1,321	41·28
31	22	2	6	1	-	89	43	46	60	27	2	87	2,387	27·44
43	15	13	8	7	-	58	32	26	49	9	-	58	2,172	37·45
2	2	-	-	-	-	16	5	11	13	-	3	16	878	54·88
9	5	2	2	-	-	54	22	32	38	15	1	54	2,402	44·48
4	3	1	-	-	-	9	5	4	6	3	-	9	567	63·00
6	4	-	1	1	-	20	11	9	17	3	-	20	1,238	61·90
5	5	-	-	-	-	9	4	5	8	-	1	9	501	55·67
3	3	-	-	-	-	15	8	7	14	1	-	15	852	56·80
17	11	1	1	4	-	21	9	12	18	2	1	21	1,164	55·43
9	8	1	-	-	-	17	10	7	17	-	-	17	742	43·65
7	7	-	-	-	-	29	12	17	26	3	-	29	1,533	52·86
20	12	2	2	4	-	31	16	15	21	9	1	31	1,310	42·26
65	27	13	8	17	-	146	81	65	93	51	2	145	4,475	30·86
45	25	3	9	8	-	135	69	66	103	32	-	135	4,097	30·35
8	5	-	2	1	-	34	18	16	31	3	-	34	1,983	58·32
12	8	1	1	2	-	23	15	8	16	6	1	23	806	35·04
27	14	7	2	4	-	67	36	31	51	14	2	67	2,132	31·82
25	16	2	6	1	-	45	24	21	43	2	-	45	1,546	34·36
14	10	-	1	3	-	37	20	17	29	7	1	37	2,162	58·43
19	12	2	2	3	-	74	33	41	55	19	-	74	2,640	35·68
41	17	9	5	10	-	84	46	38	68	16	-	84	2,780	33·20
80	22	36	8	13	1	161	79	82	109	52	-	159	4,178	26·28
45	29	7	2	7	-	130	74	56	101	28	1	130	5,602	43·09
32	13	10	5	4	-	53	23	30	32	21	-	53	1,764	33·28
9	9	-	-	-	-	35	18	17	30	5	-	35	1,704	48·69
7	4	1	1	1	-	36	18	18	35	1	-	36	1,258	34·94
30	15	8	3	4	-	76	39	37	58	18	-	76	2,868	37·74
808	372	285	78	73	-	1,495	767	728	1,055	428	12	1,495	48,013	32·12

TABLE II. — BIRTHS. — 1890.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Children BORN ALIVE *during the Year.*

Year and Months.	SEX.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR.	Tot.	57,777	488	2,135	4,958	79	7,104	760	4,136	1,084	11,149	50	2,710	1,758	14,046	7,320
	Ma.	29,524	269	1,058	2,534	39	3,607	374	2,115	537	5,737	18	1,390	889	7,158	3,799
	Fe.	28,227	219	1,077	2,422	40	3,495	386	2,020	546	5,410	32	1,319	869	6,888	3,501
	Unk.	26	–	–	2	–	2	–	1	1	2	–	1	–	–	17
Jan.	Tot.	4,947	31	173	464	6	602	47	387	93	932	2	223	144	1,177	666
	Ma.	2,526	14	88	223	3	311	19	199	48	480	1	116	73	595	356
	Fe.	2,419	17	85	241	3	290	28	188	45	452	1	107	71	582	309
	Unk.	2	–	–	–	–	1	–	–	–	–	–	–	–	–	1
Feb.	Tot.	4,488	53	173	413	8	562	58	316	91	831	3	194	160	1,093	533
	Ma.	2,334	31	84	211	2	308	25	163	54	434	2	98	77	565	280
	Fe.	2,153	22	89	202	6	254	33	153	37	397	1	96	83	528	252
	Unk.	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
March.	Tot.	4,891	41	199	390	11	618	71	336	90	947	10	235	136	1,211	596
	Ma.	2,408	19	93	201	6	309	37	158	38	449	3	127	69	595	304
	Fe.	2,476	22	106	188	5	309	34	177	51	498	7	107	67	616	289
	Unk.	7	–	–	1	–	–	–	1	1	–	–	1	–	–	3
April.	Tot.	4,436	37	173	375	7	536	62	305	89	807	1	225	155	1,072	592
	Ma.	2,289	18	91	194	4	276	28	151	47	415	1	109	89	561	305
	Fe.	2,144	19	82	181	3	260	34	154	42	392	–	116	66	511	284
	Unk.	3	–	–	–	–	–	–	–	–	–	–	–	–	–	3
May.	Tot.	4,757	33	184	383	4	575	70	342	93	918	6	218	148	1,147	636
	Ma.	2,409	20	92	196	1	279	33	172	46	464	1	119	79	582	325
	Fe.	2,345	13	92	187	3	296	37	170	47	454	5	99	69	565	308
	Unk.	3	–	–	–	–	–	–	–	–	–	–	–	–	–	3
June.	Tot.	4,645	44	176	403	5	566	63	348	88	887	3	210	120	1,127	605
	Ma.	2,383	32	86	210	1	274	34	167	39	483	1	106	61	579	310
	Fe.	2,260	12	90	192	4	292	29	181	49	404	2	104	59	548	294
	Unk.	2	–	–	1	–	–	–	–	–	–	–	–	–	–	1
July.	Tot.	5,147	48	194	454	7	654	58	371	97	945	4	228	165	1,288	634
	Ma.	2,564	24	89	213	5	317	29	192	45	476	1	121	90	650	312
	Fe.	2,583	24	105	241	2	337	29	179	52	469	3	107	75	638	322

TABLE II. — Continued.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aug.	Tot.	5,270	50	200	428	6	659	75	368	100	1,032	6	254	155	1,278	659
	Ma.	2,752	31	103	225	2	339	40	199	45	546	3	132	72	655	360
	Fe	2,516	19	97	203	4	319	35	169	55	485	3	122	83	623	299
	Unk.	2	–	–	–	–	1	–	–	–	1	–	–	–	–	–
Sept.	Tot.	4,559	39	169	420	8	544	65	312	87	948	4	238	128	1,011	586
	Ma	2,394	20	83	235	4	285	38	155	46	493	–	119	61	536	319
	Fe	2,164	19	86	185	4	259	27	157	11	455	4	119	67	475	266
	Unk	1	–	–	–	–	–	–	–	–	–	–	–	–	–	4
Oct.	Tot.	4,569	35	164	390	7	548	69	333	85	873	6	211	141	1,104	608
	Ma	2,331	17	76	207	4	296	32	161	43	454	2	119	69	549	302
	Fe.	2,237	18	88	183	3	252	37	172	42	419	4	92	72	555	300
	Unk	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Nov.	Tot.	4,730	39	142	403	6	579	65	324	79	955	1	229	144	1,203	561
	Ma.	2,421	20	74	202	4	287	28	173	42	500	1	118	69	628	275
	Fe.	2,306	19	68	201	2	292	37	151	37	454	–	111	75	575	284
	Unk	3	–	–	–	–	–	–	–	–	1	–	–	–	–	2
Dec.	Tot.	5,338	38	188	435	4	661	57	394	92	1,074	4	245	162	1,335	649
	Ma.	2,713	23	99	217	3	326	31	225	44	543	2	106	80	663	351
	Fe.	2,624	15	89	218	1	335	26	169	48	531	2	139	82	672	297
	Unk	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1

SUPPLEMENT A.

PLURALITY CASES.—1890.

[Included in Tables I. and II.]

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR.	Tot.	1,016	12	58	57	–	128	16	78	16	200	–	63	14	238	136
	Ma.	544	5	36	20	–	62	7	36	9	117	–	38	5	139	70
	Fe.	472	7	22	37	–	66	9	42	7	83	–	25	9	99	66
Jan.	Tot.	98	–	4	4	–	10	–	4	–	26	–	8	–	26	16
	Ma	58	–	2	–	–	6	–	2	–	17	–	4	–	19	8
	Fe.	40	–	2	4	–	4	–	2	–	9	–	4	–	7	8
Feb.	Tot.	73	2	8	9	–	12	–	–	2	26	–	–	–	6	8
	Ma.	34	1	4	4	–	5	–	–	2	14	–	–	–	2	2
	Fe.	39	1	4	5	–	7	–	–	–	12	–	–	–	4	6
Mar.	Tot.	82	–	2	4	–	4	–	6	–	18	–	6	2	28	12
	Ma.	38	–	2	2	–	2	–	2	–	6	–	3	–	14	7
	Fe	44	–	–	2	–	2	–	4	–	12	–	3	2	14	5
April.	Tot.	84	2	4	4	–	6	4	8	4	14	–	2	2	12	22
	Ma.	45	–	4	1	–	1	1	5	1	5	–	2	2	8	15
	Fe.	39	2	–	3	–	5	3	3	3	9	–	–	–	4	7
May.	Tot.	70	2	2	4	–	10	–	2	–	16	–	4	–	14	16
	Ma.	36	–	–	1	–	–	–	2	–	9	–	3	–	12	9
	Fe.	34	2	2	3	–	10	–	–	–	7	–	1	–	2	7
June.	Tot.	103	–	6	4	–	12	–	14	–	16	–	8	–	29	14
	Ma.	65	–	4	4	–	6	–	7	–	12	–	3	–	19	10
	Fe.	38	–	2	–	–	6	–	7	–	4	–	5	–	10	4
July.	Tot.	74	–	–	10	–	6	–	8	4	10	–	6	–	22	8
	Ma.	35	–	–	4	–	1	–	2	4	7	–	2	–	13	2
	Fe.	39	–	–	6	–	5	–	6	–	3	–	4	–	9	6
Aug.	Tot.	65	–	6	4	–	4	2	8	2	15	–	6	2	10	6
	Ma	35	–	6	1	–	2	–	2	1	9	–	5	–	5	4
	Fe.	30	–	–	3	–	2	2	6	1	6	–	1	2	5	2

SUPPLEMENT A. — Concluded.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Sept.	Tot.	80	2	8	4	–	10	–	4	2	14	–	4	2	20	10
	Ma.	40	2	2	–	–	7	–	2	–	9	–	2	2	10	4
	Fe.	40	–	6	4	–	3	–	2	2	5	–	2	–	10	6
Oct.	Tot.	89	2	6	2	–	20	2	12	–	8	–	4	–	25	8
	Ma.	43	1	5	–	–	16	–	3	–	4	–	–	–	12	2
	Fe.	46	1	1	2	–	4	2	9	–	4	–	4	–	13	6
Nov.	Tot.	91	–	6	4	–	10	2	4	2	27	–	4	2	24	6
	Ma.	60	–	5	1	–	6	2	2	1	21	–	4	–	15	3
	Fe.	31	–	1	3	–	4	–	2	1	6	–	–	2	9	3
Dec.	Tot.	107	2	6	4	–	24	6	8	–	10	–	11	4	22	10
	Ma.	55	1	2	2	–	10	4	7	–	4	–	10	1	10	4
	Fe.	52	1	4	2	–	14	2	1	–	6	–	1	3	12	6

NOTE. — Four cases of triplets were registered in 1890. In Bristol County, 1 case, 1 male and two females, of foreign parentage; in Norfolk County, 1 case, 2 males and 1 female, of foreign parentage; in Suffolk County, 2 cases, one 3 males, foreign father and American mother, and one 3 females, of foreign parentage.

TABLE II. — BIRTHS. — 1890.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Children BORN ALIVE *during the Year.*

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR.	Tot.	57,777	488	2,135	4,958	79	7,104	760	4,136	1,084	11,149	50	2,710	1,758	14,046	7,320
	Ma.	29,524	269	1,058	2,534	39	3,607	374	2,115	537	5,737	18	1,390	889	7,158	3,799
	Fe.	28,227	219	1,077	2,422	40	3,495	386	2,020	546	5,410	32	1,319	869	6,888	3,504
	Unk.	26	–	–	2	–	2	–	1	1	2	–	1	–	–	17
Jan.	Tot	4,947	31	173	464	6	602	47	387	93	932	2	223	144	1,177	666
	Ma.	2,526	14	88	223	3	311	19	199	48	480	1	116	73	595	356
	Fe.	2,419	17	85	241	3	290	28	188	45	452	1	107	71	582	309
	Unk.	2	–	–	–	–	1	–	–	–	–	–	–	–	–	1
Feb.	Tot	4,488	53	173	413	8	562	58	316	91	831	3	194	160	1,093	533
	Ma.	2,334	31	84	211	2	308	25	163	54	434	2	98	77	565	280
	Fe	2,153	22	89	202	6	254	33	153	37	397	1	96	83	528	252
	Unk	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
March	Tot	4,891	41	199	390	11	618	71	336	90	947	10	235	136	1,211	596
	Ma.	2,408	19	93	201	6	309	37	158	38	449	3	127	69	595	304
	Fe.	2,476	22	106	188	5	309	34	177	51	498	7	107	67	616	289
	Unk.	7	–	–	1	–	–	–	1	1	–	–	1	–	–	3
April	Tot.	4,436	37	173	375	7	536	62	305	89	807	1	225	155	1,072	592
	Ma.	2,289	18	91	194	4	276	28	151	47	415	1	109	89	561	305
	Fe.	2,144	19	82	181	3	260	34	154	42	392	–	116	66	511	284
	Unk.	3	–	–	–	–	–	–	–	–	–	–	–	–	–	3
May.	Tot.	4,757	33	184	383	4	575	70	342	93	918	6	218	148	1,147	636
	Ma	2,409	20	92	196	1	279	33	172	46	464	1	119	79	582	325
	Fe	2,345	13	92	187	3	296	37	170	47	454	5	99	69	565	308
	Unk.	3	–	–	–	–	–	–	–	–	–	–	–	–	–	3
June.	Tot.	4,645	44	176	403	5	566	63	348	88	887	3	210	120	1,127	605
	Ma.	2,383	32	86	210	1	274	34	167	39	483	1	106	61	579	310
	Fe.	2,260	12	90	192	4	292	29	181	49	404	2	104	59	548	294
	Unk.	2	–	–	1	–	–	–	–	–	–	–	–	–	–	1
July.	Tot.	5,147	48	194	454	7	654	58	371	97	945	4	228	165	1,288	634
	Ma	2,564	24	89	213	5	317	29	192	45	476	1	121	90	650	312
	Fe.	2,583	24	105	241	2	337	29	179	52	469	3	107	75	638	322

TABLE II. — Continued.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aug.	Tot.	5,270	50	200	428	6	659	75	368	100	1,032	6	254	155	1,278	659
	Ma.	2,752	31	103	225	2	339	40	199	45	546	3	132	72	655	360
	Fe.	2,516	19	97	203	4	319	35	169	55	485	3	122	83	623	299
	Unk.	2	–	–	–	–	1	–	–	–	1	–	–	–	–	–
Sept.	Tot.	4,559	39	169	420	8	544	65	312	87	948	4	238	128	1,011	586
	Ma	2,394	20	83	235	4	285	38	155	46	493	–	119	61	536	319
	Fe	2,164	19	86	185	4	259	27	157	11	455	4	119	67	475	266
	Unk	1	–	–	–	–	–	–	–	–	–	–	–	–	–	4
Oct.	Tot.	4,569	35	164	390	7	548	69	333	85	873	6	211	141	1,104	603
	Ma.	2,331	17	76	207	4	296	32	161	43	454	2	119	69	549	302
	Fe.	2,237	18	88	183	3	252	37	172	42	419	4	92	72	555	300
	Unk	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Nov.	Tot.	4,730	39	142	403	6	579	65	324	79	955	1	229	144	1,203	561
	Ma.	2,421	20	74	202	4	287	28	173	42	500	1	118	69	628	275
	Fe.	2,306	19	68	201	2	292	37	151	37	454	–	111	75	575	284
	Unk	3	–	–	–	–	–	–	–	–	1	–	–	–	–	2
Dec.	Tot.	5,338	38	188	435	4	661	57	394	92	1,074	4	245	162	1,335	649
	Ma.	2,713	23	99	217	3	326	31	225	44	543	2	106	80	663	351
	Fe.	2,624	15	89	218	1	335	26	169	48	531	2	139	82	672	297
	Unk	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1

SUPPLEMENT A.

PLURALITY CASES.—1890.

[Included in Tables I. and II.]

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR.	Tot.	1,016	12	58	57	–	128	16	78	16	200	–	63	14	238	136
	Ma.	544	5	36	20	–	62	7	36	9	117	–	38	5	139	70
	Fe.	472	7	22	37	–	66	9	42	7	83	–	25	9	99	66
Jan.	Tot.	98	–	4	4	–	10	–	4	–	26	–	8	–	26	16
	Ma	58	–	2	–	–	6	–	2	–	17	–	4	–	19	8
	Fe.	40	–	2	4	–	4	–	2	–	9	–	4	–	7	8
Feb.	Tot.	73	2	8	9	–	12	–	–	2	26	–	–	–	6	8
	Ma.	34	1	4	4	–	5	–	–	2	14	–	–	–	2	2
	Fe.	39	1	4	5	–	7	–	–	–	12	–	–	–	4	6
Mar.	Tot.	82	–	2	4	–	4	–	6	–	18	–	6	2	28	12
	Ma.	38	–	2	2	–	2	–	2	–	6	–	3	–	14	7
	Fe	44	–	–	2	–	2	–	4	–	12	–	3	2	14	5
April.	Tot.	84	2	4	4	–	6	4	8	4	14	–	2	2	12	22
	Ma.	45	–	4	1	–	1	1	5	1	5	–	2	2	8	15
	Fe.	39	2	–	3	–	5	3	3	3	9	–	–	–	4	7
May.	Tot.	70	2	2	4	–	10	–	2	–	16	–	4	–	14	16
	Ma.	36	–	–	1	–	–	–	2	–	9	–	3	–	12	9
	Fe.	34	2	2	3	–	10	–	–	–	7	–	1	–	2	7
June.	Tot.	103	–	6	4	–	12	–	14	–	16	–	8	–	29	14
	Ma.	65	–	4	4	–	6	–	7	–	12	–	3	–	19	10
	Fe.	38	–	2	–	–	6	–	7	–	4	–	5	–	10	4
July.	Tot.	74	–	–	10	–	6	–	8	4	10	–	6	–	22	8
	Ma.	35	–	–	4	–	1	–	2	4	7	–	2	–	13	2
	Fe.	39	–	–	6	–	5	–	6	–	3	–	4	–	9	6
Aug.	Tot.	65	–	6	4	–	4	2	8	2	15	–	6	2	10	6
	Ma	35	–	6	1	–	2	–	2	1	9	–	5	–	5	4
	Fe.	30	–	–	3	–	2	2	6	1	6	–	1	2	5	2

SUPPLEMENT A. — Concluded.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Sept.	Tot.	80	2	8	4	–	10	–	4	2	14	–	4	2	20	10
	Ma.	40	2	2	–	–	7	–	2	–	9	–	2	2	10	4
	Fe	40	–	6	4	–	3	–	2	2	5	–	2	–	10	6
Oct.	Tot.	89	2	6	2	–	20	2	12	–	8	–	4	–	25	8
	Ma.	43	1	5	–	–	16	–	3	–	4	–	–	–	12	2
	Fe.	46	1	1	2	–	4	2	9	–	4	–	4	–	13	6
Nov.	Tot.	91	–	6	4	–	10	2	4	2	27	–	4	2	24	6
	Ma.	60	–	5	1	–	6	2	2	1	21	–	4	–	15	3
	Fe.	31	–	1	3	–	4	–	2	1	6	–	–	2	9	3
Dec.	Tot.	107	2	6	4	–	24	6	8	–	10	–	11	4	22	10
	Ma.	55	1	2	2	–	10	4	7	–	4	–	10	1	10	4
	Fe.	52	1	4	2	–	14	2	1	–	6	–	1	3	12	6

NOTE. — Four cases of triplets were registered in 1890. In Bristol County, 1 case, 1 male and two females, of foreign parentage; in Norfolk County, 1 case, 2 males and 1 female, of foreign parentage; in Suffolk County, 2 cases, one 3 males, foreign father and American mother, and one 3 females, of foreign parentage.

Supplement B.

ILLEGITIMATE BIRTHS.—1890.

(Included in Tables I. and II.)

Year and Months.	SEX.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
The Year.	Tot.	1,206	9	23	44	3	74	8	41	11	155	2	18	13	748	57
	Ma.	608	2	12	21	1	35	5	18	5	80	1	14	9	376	29
	Fe.	598	7	11	23	2	39	3	23	6	75	1	4	4	372	28
Jan.	Tot.	95	2	1	4	–	4	–	7	2	7	–	1	–	60	7
	Ma.	52	1	1	1	–	2	–	2	1	3	–	1	–	33	7
	Fe.	43	1	–	3	–	2	–	5	1	4	–	–	–	27	–
Feb.	Tot.	110	2	1	3	2	2	1	6	–	14	–	1	3	72	3
	Ma.	63	–	1	3	–	–	–	5	–	10	–	1	3	38	2
	Fe.	47	2	–	–	2	2	1	1	–	4	–	–	–	34	1
Mar.	Tot.	123	2	2	3	–	7	–	5	1	18	–	1	3	75	6
	Ma.	60	–	–	2	–	4	–	3	–	4	–	1	–	45	1
	Fe.	63	2	2	1	–	3	–	2	1	14	–	–	3	30	5
April.	Tot.	106	–	3	3	–	7	1	2	–	16	1	4	1	64	4
	Ma.	49	–	3	2	–	3	–	1	–	6	1	3	1	27	2
	Fe.	57	–	–	1	–	4	1	1	–	10	–	1	–	37	2
May.	Tot.	105	–	4	5	1	3	–	4	1	11	–	1	–	68	7
	Ma.	52	–	2	3	1	1	–	3	1	6	–	1	–	32	2
	Fe.	53	–	2	2	–	2	–	1	–	5	–	–	–	36	5
June.	Tot.	104	–	1	1	–	3	1	2	2	18	–	1	2	68	5
	Ma.	56	–	–	1	–	1	1	1	1	7	–	1	2	38	3
	Fe.	48	–	1	–	–	2	–	1	1	11	–	–	–	30	2
July.	Tot.	108	2	2	8	–	10	–	2	1	10	–	2	1	66	4
	Ma.	61	1	1	2	–	3	–	–	–	7	–	2	1	42	2
	Fe.	47	1	1	6	–	7	–	2	1	3	–	–	–	24	2
Aug.	Tot.	92	–	1	3	–	4	–	2	2	15	–	3	–	59	3
	Ma.	44	–	1	1	–	4	–	–	–	8	–	2	–	27	1
	Fe.	48	–	–	2	–	–	–	2	2	7	–	1	–	32	2

SUPPLEMENT B. — Concluded.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Sept.	Tot.	93	–	2	4	–	5	1	5	–	14	1	1	–	56	4
	Ma.	43	–	1	3	–	2	1	1	–	11	–	1	–	20	3
	Fe.	50	–	1	1	–	3	–	4	–	3	1	–	–	36	1
Oct.	Tot.	75	1	1	2	–	5	3	2	–	12	–	1	–	44	4
	Ma	34	–	–	–	–	3	2	–	–	7	–	–	–	19	3
	Fe.	41	1	1	2	–	2	1	2	–	5	–	1	–	25	1
Nov.	Tot.	107	–	4	3	–	10	1	3	2	14	–	1	–	61	8
	Ma.	52	–	1	1	–	6	1	2	2	8	–	1	–	29	1
	Fe.	55	–	3	2	–	4	–	1	–	6	–	–	–	32	7
Dec.	Tot.	88	–	1	5	–	14	–	1	–	6	–	1	3	55	2
	Ma.	42	–	1	2	–	6	–	–	–	3	–	–	2	26	2
	Fe.	46	–	–	3	–	8	–	1	–	3	–	1	1	29	–

NOTE. — Of the Illegitimate Births registered in the foregoing table, 67 occurred in the State Almshouse at Tewksbury, 13 in the Reformatory Prison for Women at Sherborn and 697 in the city of Boston.

There were also 26 births in the city of Boston not included in the above table of which the parentage was entirely unknown.

TABLE III. — STILL-BORN.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Still-births during the Year.

1890.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR.	Tot.	2,099	12	48	190	2	261	14	113	29	410	3	87	48	667	215
	Ma	1,181	6	19	105	1	147	5	54	17	266	3	47	19	368	124
	Fe.	832	5	17	82	–	104	9	52	10	137	–	36	25	281	74
	Unk.	86	1	12	3	1	10	–	7	2	7	–	4	4	18	17
Jan.	Tot.	173	–	5	18	–	18	4	7	3	26	–	10	4	60	18
	Ma.	96	–	2	12	–	9	–	5	1	13	–	5	2	34	13
	Fe.	73	–	2	5	–	9	4	2	2	13	–	5	2	24	5
	Unk.	4	–	1	1	–	–	–	–	–	–	–	–	–	2	–
Feb.	Tot.	160	1	3	18	–	19	–	13	2	33	–	7	3	43	18
	Ma	87	–	3	10	–	10	–	5	1	23	–	3	1	23	8
	Fe.	72	1	–	8	–	9	–	8	1	9	–	4	2	20	10
	Unk.	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Mar.	Tot.	177	2	4	13	–	20	1	11	3	35	–	12	5	55	16
	Ma.	101	1	3	8	–	14	–	5	3	20	–	8	1	25	13
	Fe.	69	1	–	4	–	6	1	5	–	14	–	4	3	28	3
	Unk.	7	–	1	1	–	–	–	1	–	1	–	–	1	2	–
April.	Tot.	190	1	5	16	–	23	–	10	2	34	–	12	1	63	23
	Ma.	108	–	3	8	–	15	–	4	1	21	–	7	–	38	11
	Fe.	70	1	–	8	–	6	–	6	–	13	–	2	–	25	9
	Unk.	12	–	2	–	–	2	–	–	1	–	–	3	1	–	3
May.	Tot.	175	–	4	17	1	20	–	12	2	37	1	9	5	55	12
	Ma.	92	–	–	10	–	13	–	3	1	22	1	6	4	24	8
	Fe.	73	–	3	7	–	7	–	8	1	13	–	3	1	28	2
	Unk.	10	–	1	–	1	–	–	1	–	2	–	–	–	3	2
June.	Tot.	169	–	5	20	–	25	1	9	2	35	–	3	3	45	21
	Ma.	95	–	1	11	–	13	1	3	–	25	–	2	2	26	11
	Fe.	63	–	2	8	–	9	–	5	2	10	–	1	1	18	7
	Unk.	11	–	2	1	–	3	–	1	–	–	–	–	–	1	3

TABLE III. — Concluded.

Year and Months.	SEX.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
July.	Tot.	170	2	3	14	–	21	3	13	2	37	–	4	5	51	15
	Ma.	97	–	1	9	–	10	1	9	1	25	–	2	2	32	5
	Fe.	59	1	1	5	–	9	2	3	–	12	–	2	3	15	6
	Unk.	14	1	1	–	–	2	–	1	1	–	–	–	–	4	4
Aug.	Tot	162	1	1	13	–	32	–	6	2	32	–	6	–	52	17
	Ma	95	–	1	8	–	19	–	2	2	19	–	4	–	33	7
	Fe.	65	1	–	5	–	13	–	3	–	13	–	2	–	19	9
	Unk.	2	–	–	–	–	–	–	1	–	–	–	–	–	–	1
Sept.	Tot.	172	1	1	18	1	21	1	8	2	32	1	10	8	57	11
	Ma.	103	1	–	8	1	13	–	6	2	23	1	4	2	34	8
	Fe.	65	–	1	10	–	7	1	2	–	9	–	5	5	22	3
	Unk.	4	–	–	–	–	1	–	–	–	–	–	1	1	1	–
Oct.	Tot.	170	–	3	22	–	21	1	7	2	26	1	6	4	53	24
	Ma.	88	–	2	11	–	13	–	5	1	19	1	1	1	20	14
	Fe.	77	–	–	11	–	8	1	2	1	7	–	5	2	32	8
	Unk.	5	–	1	–	–	–	–	–	–	–	–	–	1	1	2
Nov.	Tot.	185	3	8	8	–	19	1	8	2	38	–	4	5	68	21
	Ma.	107	3	2	4	–	8	1	6	1	28	–	2	1	41	10
	Fe.	70	–	4	4	–	11	–	–	1	10	–	2	4	23	11
	Unk.	8	–	2	–	–	–	–	2	–	–	–	–	–	4	–
Dec.	Tot.	196	1	6	13	–	22	2	9	5	45	–	4	5	65	19
	Ma.	112	1	1	6	–	10	2	1	3	28	–	3	3	38	16
	Fe.	76	–	4	7	–	10	–	8	2	14	–	1	2	27	1
	Unk.	8	–	1	–	–	2	–	–	–	3	–	–	–	–	2

Table IV.—MARRIAGES.

Distinguishing by Counties and by Months the Num-

Year and Months.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.
The Year,	20,838	245	613	1,885	39
January,	1,530	28	49	165	4
February,	1,505	16	38	153	2
March,	817	16	22	79	1
April,	1,886	18	55	173	4
May,	1,474	7	56	154	2
June,	2,386	21	57	195	2
July,	1,531	14	49	170	2
August,	1,491	20	39	149	5
September,	1,962	17	70	155	5
October,	2,250	18	68	161	1
November,	2,505	42	61	217	7
December,	1,501	28	49	114	4
Unknown,	–	–	–	–	–

Table IV. — MARRIAGES.

ber of Marriages Registered during the Year 1890.

Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
2,773	285	1,198	421	3,836	18	937	803	5,297	2,488
212	20	93	38	247	1	75	56	373	169
186	13	105	23	275	2	61	46	421	164
129	15	51	7	124	1	41	28	209	94
240	29	88	36	367	1	77	68	513	217
174	36	102	42	248	2	61	66	308	216
324	31	143	52	446	2	122	84	604	303
210	12	105	31	277	2	74	61	353	171
198	16	79	25	274	1	56	53	394	182
229	27	124	42	382	1	82	71	510	247
282	29	129	45	474	4	101	86	605	247
371	27	99	48	468	–	122	109	655	279
218	30	80	32	254	1	65	75	352	199
–	–	–	–	–	–	–	–	–	–

TABLE V. — MARRIAGES.

STATE AND COUNTIES: *By Age Periods. — 1890.*

STATE AND COUNTIES.	ALL AGES.	Under 20.*	20 to 25.	25 to 30.
STATE TOTALS,				
Males,	20,838	376	7,516	6,852
Females,	20,838	3,286	9,334	4,881
Barnstable,				
Males,	245	4	93	78
Females,	245	53	111	41
Berkshire,				
Males,	613	26	236	199
Females,	613	127	263	140
Bristol,				
Males,	1,885	49	838	512
Females,	1,885	400	826	355
Dukes,				
Males,	39	–	12	5
Females,	39	8	13	5
Essex,				
Males,	2,773	67	1,080	872
Females,	2,773	480	1,230	648
Franklin,				
Males,	285	4	112	83
Females,	285	63	125	45
Hampden,				
Males,	1,198	25	467	393
Females,	1,198	201	577	268
Hampshire,				
Males,	421	13	164	132
Females,	421	90	180	87
Middlesex,				
Males,	3,836	52	1,353	1,341
Females,	3,836	503	1,820	915
Nantucket,				
Males,	18	–	8	5
Females,	18	3	9	4
Norfolk,				
Males,	937	16	308	314
Females,	937	120	421	244
Plymouth,				
Males,	803	25	307	230
Females,	803	146	361	164
Suffolk,				
Males,	5,297	39	1,564	1,889
Females,	5,297	608	2,325	1,419
Worcester,				
Males,	2,488	56	974	799
Females,	2,488	484	1,073	546

* This includes 1 marriage of a female 13 years of age, 3 of 14, 31 of 15; 20 males and 593 females, ages between 16 and 18, and 356 males and 2,657 females over 18 and under 20.

Table V. — MARRIAGES.

State and Counties: *By Age Periods. — 1890.*

30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.	Unknown.
2,885	1,316	698	438	306	176	126	80	41	14	2	12
1,599	840	420	215	124	65	36	17	3	–	–	18
21	12	13	5	8	2	3	4	1	1	–	–
10	7	8	4	5	4	2	–	–	–	–	–
73	31	17	12	4	5	3	6	1	–	–	–
41	13	14	2	5	5	–	–	–	–	–	3
205	105	58	42	32	18	14	7	3	2	–	–
142	65	36	27	17	9	7	1	–	–	–	–
10	4	–	2	1	2	1	–	–	–	–	2
4	1	1	–	3	2	–	–	–	–	–	2
359	169	91	53	36	26	14	2	2	–	–	2
212	104	47	28	11	4	4	3	–	–	–	2
34	19	11	7	6	3	3	1	1	1	–	–
19	13	10	4	3	1	1	1	–	–	–	–
148	78	26	21	17	8	8	1	2	–	–	4
63	42	23	8	8	2	1	–	–	–	–	5
53	23	10	5	7	5	3	4	2	–	–	–
29	14	8	5	3	3	1	1	–	–	–	–
536	214	119	89	49	32	22	15	8	3	1	2
285	147	84	39	16	11	9	5	1	–	–	1
3	–	–	–	1	–	–	–	–	1	–	–
1	–	–	–	–	–	–	1	–	–	–	–
130	69	40	16	15	8	10	7	2	1	–	1
71	41	17	12	8	1	–	2	–	–	–	–
117	48	21	20	12	9	5	4	4	1	–	–
52	34	20	11	9	4	–	–	–	–	–	2
894	413	219	122	75	30	23	19	9	1	–	–
503	259	100	49	19	11	3	1	–	–	–	–
302	131	73	44	43	28	17	10	6	3	1	1
167	100	52	26	17	8	8	2	2	–	–	3

TABLE VI. — MARRIAGES.

Exhibiting the Social Condition and Ages, respectively, of Parties Married during the Year.

1890.

AGGREGATE — Of all Conditions.

AGE OF MALES.	AGE OF FEMALES.															
	ALL AGES.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	Over 80	Unknown.
ALL AGES,	20,838	3,286	9,334	4,881	1,599	840	420	215	124	65	36	17	3	–	–	18
Under 20, .	376	249	115	10	1	–	1	–	–	–	–	–	–	–	–	–
20 to 25, .	7,516	2,149	4,590	692	56	22	3	1	1	–	–	–	–	–	–	2
25 to 30, .	6,852	685	3,344	2,410	339	61	8	–	–	1	–	–	–	–	–	4
30 to 35, .	2,885	141	907	1,106	560	127	37	4	1	1	–	–	–	–	–	1
35 to 40, .	1,316	40	241	415	318	237	51	7	5	2	–	–	–	–	–	–
40 to 45, .	698	13	78	153	170	158	98	23	4	–	1	–	–	–	–	–
45 to 50, .	438	4	41	58	75	106	80	56	13	4	–	–	–	–	–	1
50 to 55, .	306	1	9	19	42	62	72	56	30	6	6	2	1	–	–	–
55 to 60, .	176	2	2	9	15	41	28	33	24	17	4	1	–	–	–	–
60 to 65, .	126	–	2	7	9	16	24	13	25	15	12	3	–	–	–	–
65 to 70, .	80	2	4	–	10	5	11	12	12	12	6	5	1	–	–	–
70 to 75, .	41	–	1	–	3	5	4	8	7	6	3	4	–	–	–	–
75 to 80, .	14	–	–	–	1	–	2	2	2	1	3	2	1	–	–	–
Over 80, .	2	–	–	–	–	–	1	–	–	–	1	–	–	–	–	–
Unknown,	12	–	–	2	–	–	–	–	–	–	–	–	–	–	–	10

(A.) First Marriage of both Parties.

ALL AGES,	17,258	3,172	8,722	4,079	910	271	67	14	7	3	–	–	–	–	–	13
Under 20, .	370	248	114	7	1	–	–	–	–	–	–	–	–	–	–	–
20 to 25, .	7,343	2,135	4,532	628	36	9	1	1	–	–	–	–	–	–	–	1
25 to 30, .	6,286	640	3,164	2,205	242	27	3	–	–	1	–	–	–	–	–	4
30 to 35, .	2,222	112	742	915	377	65	9	1	–	–	–	–	–	–	–	1
35 to 40, .	687	28	135	244	175	95	10	–	–	–	–	–	–	–	–	–
40 to 45, .	220	6	25	57	59	50	19	2	2	–	–	–	–	–	–	–
45 to 50, .	67	2	9	16	9	14	10	5	1	1	–	–	–	–	–	–
50 to 55, .	34	1	–	5	8	7	10	2	1	–	–	–	–	–	–	–
55 to 60, .	13	–	–	1	–	4	3	3	2	–	–	–	–	–	–	–
60 to 65, .	4	–	1	–	–	–	2	–	1	–	–	–	–	–	–	–
65 to 70, .	3	–	–	–	2	–	–	–	–	1	–	–	–	–	–	–
70 to 75, .	1	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–
75 to 80, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Over 80, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unknown,	8	–	–	1	–	–	–	–	–	–	–	–	–	–	–	7

Table VI.—Continued.

(B.) First Marriage of Male, and Subsequent Marriage of Female.

Age of Males.	Age of Females. All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	Over 80	Unknown
All Ages, .	827	5	93	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Under 20, .	5	–	[illegible]	[illegible]	–	–	[illegible]	–	–	–	–	–	–	–	–	–
20 to 25, .	134	2	33	[illegible]	[illegible]	[illegible]	[illegible]	–	[illegible]	–	–	–	–	–	–	[illegible]
25 to 30, .	263	2	42	[illegible]	[illegible]	[illegible]	[illegible]	–	–	–	–	–	–	–	–	–
30 to 35, .	188	1	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	–	–	–	–	–	–
35 to 40, .	109	–	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	–	–	–	–	–	–
40 to 45, .	64	–	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	–	–	–	–	–	–	–	–
45 to 50, .	32	–	–	[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	–	–	–	–	–	–	–
50 to 55, .	14	–	–	[illegible]	–	[illegible]	[illegible]	[illegible]	[illegible]	–	[illegible]	[illegible]	[illegible]	–	–	–
55 to 60, .	9	–	–	–	–	[illegible]	–	–	[illegible]	[illegible]	–	–	–	–	–	–
60 to 65, .	6	–	–	–	[illegible]	–	[illegible]	–	–	[illegible]	[illegible]	[illegible]	–	–	–	–
65 to 70, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
70 to 75, .	2	–	–	–	[illegible]	–	–	–	–	[illegible]	–	–	–	–	–	–
75 to 80, .	1	–	–	–	–	–	[illegible]	–	–	–	–	–	–	–	–	–
Over 80, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unknown, .	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

(C.) Subsequent Marriage of Male, but First Marriage of Female.

All Ages, .	1,826	106	488	461	317	233	12[illegible]	57	24	1[illegible]	4	4	–	–	–	[illegible]
Under 20, .	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25, .	33	10	22	1	–	–	–	–	–	–	–	–	–	–	–	–
25 to 30, .	264	43	133	70	14	4	–	–	–	–	–	–	–	–	–	–
30 to 35, .	385	27	141	132	67	14	3	1	–	–	–	–	–	–	–	–
35 to 40, .	379	12	101	125	74	53	13	–	–	1	–	–	–	–	–	–
40 to 45, .	261	7	47	74	63	48	20	2	–	–	–	–	–	–	–	–
45 to 50, .	202	2	28	35	46	48	28	12	3	–	–	–	–	–	–	–
50 to 55, .	122	–	9	10	26	27	27	17	4	1	–	1	–	–		–
55 to 60, .	75	2	2	6	11	19	10	15	5	3	2	–	–	–	–	–
60 to 65, .	48	–	1	6	6	12	9	2	7	2	1	2	–	–	–	–
65 to 70, .	35	2	3	1	8	5	6	4	3	3	–	–	–	–		
70 to 75, .	12	–	1	–	1	3	2	2	1	–	1	1	–	–		
75 to 80, .	5	–	–	–	1	–	1	2	1	–	–	–	–	–		
Over 80, .	1	–	–	–	–	–	1	–	–	–	–	–	–			
Unknown, .	3	–	–	1	–	–	–	–	–	–	–	–	–		–	[illegible]

Table VI. — Concluded.

(D.) Subsequent Marriage of Both Parties.

Age of Males.	Age of Females.															
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	Over 80	Unknown.
All Ages,	923	3	29	89	152	190	164	127	79	45	30	11	2	-	-	2
Under 20,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 to 25,	6	2	3	1	-	-	-	-	-	-	-	-	-	-	-	-
25 to 30,	38	-	5	18	12	2	1	-	-	-	-	-	-	-	-	-
30 to 35,	89	1	10	17	37	19	4	1	-	-	-	-	-	-	-	-
35 to 40,	140	-	3	30	40	46	14	5	2	-	-	-	-	-	-	-
40 to 45,	152	-	4	12	34	41	42	16	2	-	1	-	-	-	-	-
45 to 50,	137	-	4	5	16	34	37	31	6	3	-	-	-	-	-	1
50 to 55,	136	-	-	3	8	25	32	34	24	5	5	-	-	-	-	-
55 to 60,	79	-	-	2	4	17	15	15	12	11	2	1	-	-	-	-
60 to 65,	68	-	-	1	1	4	12	11	17	12	10	-	-	-	-	-
65 to 70,	42	-	-	-	-	-	5	8	9	8	6	5	1	-	-	-
70 to 75,	26	-	-	-	-	2	2	6	6	5	2	3	-	-	-	-
75 to 80,	8	-	-	-	-	-	-	-	1	1	3	2	1	-	-	-
Over 80,	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Unknown,	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

(E.) Condition of Parties Not Stated.

All Ages,	4	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-
Under 20,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 to 25,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 to 30,	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
30 to 35,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
35 to 40,	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
40 to 45,	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
45 to 50,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50 to 55,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55 to 60,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60 to 65,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65 to 70,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70 to 75,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75 to 80,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Over 80,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unknown,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table VII. — DEATHS.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Persons who Died during the Year.

1890.

Year and Months.	SEX.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
The Year.	To	43,523	567	1,476	3,778	111	6,007	610	2,653	959	7,948	80	1,968	1,563	10,819	4,989
	Ma	21,767	292	735	1,901	65	3,001	288	1,318	445	3,869	37	1,022	827	5,443	2,524
	Fe	21,761	275	741	1,877	46	3,006	322	1,335	514	4,079	43	946	736	5,376	2,465
Jan.	To.	5,300	51	191	424	8	756	69	347	141	1002	11	211	161	1,375	553
	Ma.	2,587	29	100	197	7	374	29	168	62	489	6	107	84	680	255
	Fe.	2,713	22	91	227	1	382	40	179	79	513	5	104	77	695	298
Feb.	To.	3,273	57	124	302	11	431	53	201	89	552	4	148	129	784	388
	Ma	1,574	24	62	142	7	208	24	92	40	244	–	75	68	402	186
	Fe.	1,699	33	62	160	4	223	29	109	49	308	4	73	61	382	202
March.	To	3,583	37	134	308	9	492	46	220	80	610	9	158	138	915	427
	Ma.	1,811	14	62	162	2	254	23	118	38	307	6	81	69	456	219
	Fe	1,772	23	72	146	7	238	23	102	42	303	3	77	69	459	208
April.	To	3,437	51	124	305	14	401	51	216	85	653	6	166	140	821	404
	Ma.	1,736	25	62	159	7	202	27	101	37	319	4	91	73	402	227
	Fe	1,701	26	62	146	7	199	24	115	48	334	2	75	67	419	177
May.	To.	3,249	43	98	279	4	446	35	204	73	581	7	155	121	840	363
	Ma.	1,616	25	47	140	2	220	13	106	34	290	1	77	65	412	184
	Fe	1,633	18	51	139	2	226	22	98	39	291	6	78	56	428	179
June.	To.	2,840	50	93	233	7	411	44	158	66	495	5	120	94	709	355
	Ma	1,423	27	46	120	3	199	21	87	30	248	2	62	44	357	177
	Fe	1,417	23	47	113	4	212	23	71	36	247	3	58	50	352	178
July.	To.	3,962	38	103	398	9	560	49	285	74	710	4	164	118	1,021	429
	Ma	2,011	22	51	212	6	266	20	146	31	350	–	83	62	533	229
	Fe.	1,951	16	52	186	3	294	29	139	43	360	4	81	56	488	200
Aug.	To.	4,545	48	153	410	16	649	66	254	81	875	7	217	174	1,095	500
	Ma.	2,331	22	79	201	10	339	35	117	36	444	5	119	100	559	265
	Fe.	2,214	26	74	209	6	310	31	137	45	431	2	98	74	536	235

TABLE VII. — Concluded.

Year and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Sept.	To.	3,615	71	113	315	8	525	45	194	67	695	8	186	140	797	451
	Ma.	1,848	39	62	160	5	260	19	108	36	355	3	101	78	401	221
	Fe.	1,767	32	51	155	3	265	26	86	31	340	5	85	62	396	230
Oct.	To.	3,223	41	115	269	8	461	39	202	57	587	3	150	120	797	374
	Ma	1,601	23	54	130	7	240	20	97	28	265	1	72	56	427	181
	Fe.	1,622	18	61	139	1	221	19	105	29	322	2	78	64	370	193
Nov.	To.	3,021	37	101	251	12	395	46	166	79	560	7	133	114	772	348
	Ma	1,496	20	46	131	6	204	27	80	36	257	5	68	65	374	177
	Fe	1,525	17	55	120	6	191	19	86	43	303	2	65	49	398	171
Dec.	To.	3,480	43	127	284	5	480	67	206	67	628	9	160	114	893	397
	Ma.	1,733	22	64	147	3	235	30	98	37	301	4	86	63	440	203
	Fe	1,747	21	63	137	2	245	37	108	30	327	5	74	51	453	194

DEATHS BY AGE AND SEX, AND BY COUNTIES AND TOWNS.

1890.

TABLE VIII. — DEATHS BY AGE AND SEX,

Distinguishing by Age and Sex the Number of Deaths registered in each Population, distinguishing Sex, according to the Census of 1890, — and

State and Counties.	Population. Census 1890.		Percentage of D'ths to Population.*	No. of Deaths Regist'd 1889.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15
Massachusetts,	2,238,943	Tot.	1·94	43,528	9,625	2,142	989	649	465	1,282	697
		Ma.	.	21,767	5,319	1,085	490	333	226	631	326
		Fe.	.	21,761	4,306	1,057	499	316	239	651	371
Barnstable,	29,172	Tot.	1·94	567	69	18	7	5	3	13	5
		Ma.	.	292	37	9	1	2	1	8	3
		Fe.	.	275	32	9	6	3	2	5	2
Berkshire,	81,108	Tot.	1·82	1,476	281	61	43	29	12	59	33
		Ma.	.	735	160	31	19	18	5	27	13
		Fe.	.	741	121	30	24	11	7	32	20
Bristol,	186,465	Tot.	2·03	3,778	1,053	209	108	69	32	96	60
		Ma.	.	1,901	574	108	54	33	13	40	32
		Fe.	.	1,877	479	101	54	36	19	56	28
Dukes,	4,369	Tot.	2·54	111	14	3	1	1	–	1	–
		Ma.	.	65	10	1	1	1	–	–	–
		Fe.	.	46	4	2	–	–	–	1	–
Essex,	299,995	Tot.	2·00	6,007	1,279	285	137	102	78	203	100
		Ma.	.	3,001	747	131	63	53	34	104	48
		Fe.	.	3,006	532	154	74	49	44	99	52
Franklin,	38,610	Tot.	1·58	610	95	24	2	5	7	12	15
		Ma.	.	288	46	12	1	2	3	7	5
		Fe.	.	322	49	12	1	3	4	5	10
Hampden,	135,713	Tot.	1·95	2,653	645	159	84	50	34	84	49
		Ma.	.	1,318	345	78	48	26	18	47	24
		Fe.	.	1,335	300	81	36	24	16	37	25
Hampshire,	51,859	Tot.	1·85	959	164	37	16	9	12	38	28
		Ma.	.	445	89	20	7	4	7	16	9
		Fe.	.	514	75	17	9	5	5	22	19
Middlesex,	431,167	Tot.	1·84	7,948	1,877	369	146	110	78	231	123
		Ma.	.	3,869	1,013	177	79	58	39	118	59
		Fe.	.	4,079	864	192	67	52	39	113	64
Nantucket,	3,268	Tot.	2·45	80	3	–	–	–	–	–	–
		Ma.	.	37	–	–	–	–	–	–	–
		Fe.	.	43	3	–	–	–	–	–	–
Norfolk,	118,950	Tot.	1·65	1,968	396	79	41	24	25	53	33
		Ma.	.	1,022	220	49	28	9	16	23	12
		Fe.	.	946	176	30	13	15	9	30	21
Plymouth,	92,700	Tot.	1·69	1,563	248	74	30	13	10	38	22
		Ma.	.	827	154	40	14	10	7	18	10
		Fe.	.	736	94	34	16	3	3	20	12
Suffolk,	484,780	Tot.	2·23	10,819	2,415	585	263	153	126	305	149
		Ma.	.	5,443	1,321	304	124	80	62	149	75
		Fe.	.	5,376	1,094	281	139	73	64	156	74
Worcester,	280,787	Tot.	1·78	4,989	1,086	239	111	79	48	149	80
		Ma.	.	2,524	603	125	51	37	21	74	36
		Fe.	.	2,465	483	114	60	42	27	75	44

* See in editorial tables, ratios of Births, Marriages and Deaths to each 1,000 of inhabitants.

AND BY COUNTIES AND TOWNS. — 1890.

County and Town in the State during the Year 1890, — in Connection with the also with the Percentage of the Registered Number of Deaths to the Population.

15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 and over.	Unknown.
1,361	2,010	1,921	1,857	1,695	1,651	1,745	1,827	1,815	2,029	2,257	2,211	2,036	1,682	920	389	124	149
630	968	949	920	822	796	851	923	892	1,021	1,140	1,107	1,003	730	355	122	30	98
731	1,042	972	927	873	855	894	904	923	1,008	1,117	1,104	1,033	952	565	267	94	51
14	23	4	20	26	16	15	26	27	34	50	47	62	47	23	10	1	2
6	11	1	11	12	6	6	15	13	22	25	26	38	20	12	5	-	2
8	12	3	9	14	10	9	11	14	12	25	21	24	27	11	5	1	-
53	62	57	57	45	43	39	49	54	77	83	96	100	74	33	20	2	14
25	29	32	22	24	22	23	28	26	35	34	48	43	40	15	8	1	7
28	33	25	35	21	21	16	21	28	42	49	48	57	34	18	12	1	7
110	159	144	124	115	134	137	155	149	177	178	172	168	108	69	33	12	7
46	66	76	66	55	60	54	83	78	91	90	97	90	55	24	11	1	4
64	93	68	58	60	74	83	72	71	86	88	75	78	53	45	22	11	3
2	2	5	2	5	2	4	5	6	4	11	11	11	11	5	3	1	1
1	2	3	-	3	2	4	2	4	1	10	3	8	6	2	1	-	-
1	-	2	2	2	-	-	3	2	3	1	8	3	5	3	2	1	1
192	284	248	249	228	204	252	262	279	258	319	296	253	251	119	49	15	65
83	144	132	118	110	92	117	134	132	130	157	139	111	103	44	15	3	57
109	140	116	131	118	112	135	128	147	128	162	157	142	148	75	34	12	8
16	24	20	16	20	22	23	17	33	25	42	47	50	45	26	20	4	-
7	10	8	7	10	11	3	6	19	13	24	20	28	21	13	10	2	-
9	14	12	9	10	11	20	11	14	12	18	27	22	24	13	10	2	-
94	120	108	92	95	87	95	116	112	111	129	114	104	96	50	13	5	7
41	47	49	40	46	36	54	53	54	57	67	72	46	44	17	3	3	3
53	73	59	52	49	51	41	63	58	54	62	42	58	52	33	10	2	4
35	38	33	33	24	20	28	29	42	64	61	65	64	61	31	12	11	4
15	19	16	15	8	6	11	16	16	36	28	27	30	28	14	4	4	-
20	19	17	18	16	14	17	13	26	28	33	38	34	33	17	8	7	4
279	388	369	325	303	306	314	311	340	363	380	412	357	283	176	62	24	22
136	177	162	162	138	154	151	155	149	173	180	192	166	119	72	24	6	10
143	211	207	163	165	152	163	156	191	190	200	220	191	164	104	38	18	12
3	2	1	3	-	1	2	4	5	4	10	9	6	13	10	3	1	-
3	1	-	2	-	-	-	1	2	4	3	7	2	9	2	1	-	-
-	1	1	1	-	1	2	3	3	-	7	2	4	4	8	2	1	-
48	88	95	91	58	70	66	74	83	91	112	109	126	112	62	20	5	7
28	45	52	38	27	40	27	38	50	46	59	61	76	41	26	5	-	6
20	43	43	53	31	30	39	36	33	45	53	48	50	71	36	15	5	1
43	55	55	53	47	46	63	63	61	72	104	119	131	105	70	37	3	1
22	23	27	31	30	23	31	31	29	36	67	69	68	43	31	11	2	-
21	32	28	22	17	23	32	32	32	36	37	50	63	62	39	26	1	1
319	520	596	579	551	544	536	515	429	500	506	426	332	249	138	55	18	10
152	262	307	297	274	275	287	262	225	234	239	200	145	110	41	12	4	2
167	258	289	282	277	269	249	253	204	266	267	226	187	139	97	43	14	8
153	245	186	213	178	156	171	201	195	249	272	288	272	227	108	52	22	9
65	132	84	111	85	69	83	99	95	143	157	146	152	91	42	12	4	7
88	113	102	102	93	87	88	102	100	106	115	142	120	136	66	40	18	2

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Barnstable Co.,	29,172	Tot.	1·94	567	567	69	18	7	5	3
		Ma.			292	37	9	1	2	1
		Fe.			275	32	9	6	3	2
Barnstable,	4,023	Ma.	2·46	99	41	7	1	1	-	-
		Fe.			58	5	-	1	-	1
Bourne,	1,442	Ma.	1·53	22	12	1	-	-	-	-
		Fe.			10	1	-	-	-	-
Brewster,	1,003	Ma.	1·40	14	8	1	-	-	-	-
		Fe.			6	1	-	-	-	-
Chatham,	1,954	Ma.	2·00	39	14	-	-	-	-	1
		Fe.			25	-	1	1	-	-
Dennis,	2,899	Ma.	2·21	64	34	2	2	-	-	-
		Fe.			30	2	1	-	1	-
Eastham,	602	Ma.	2·16	13	8	1	-	-	-	-
		Fe.			5	1	-	-	-	-
Falmouth,	2,567	Ma.	1·68	43	21	5	1	-	-	-
		Fe.			22	6	1	1	-	-
Harwich,	2,734	Ma.	1·57	43	24	2	1	-	-	-
		Fe.			19	-	-	-	-	-
Mashpee,	298	Ma.	2·35	7	3	1	-	-	-	-
		Fe.			4	-	-	-	-	-
Orleans,	1,219	Ma.	1·89	23	17	2	-	-	-	-
		Fe.			6	1	-	-	-	-
Provincetown,	4,642	Ma.	1·98	92	50	9	3	-	2	-
		Fe.			42	10	4	2	2	-
Sandwich,	1,819	Ma.	1·92	35	19	2	1	-	-	-
		Fe.			16	2	-	-	-	-
Truro,	919	Ma.	1·85	17	8	2	-	-	-	-
		Fe.			9	2	2	-	-	-
Wellfleet,	1,291	Ma.	1·70	22	18	-	-	-	-	-
		Fe.			4	-	-	-	-	-
Yarmouth,	1,760	Ma.	1·93	34	15	2	-	-	-	-
		Fe.			19	1	-	1	-	1
Berkshire Co.,	81,108	Tot.	1·82	1,476	1,476	281	61	43	29	12
		Ma.			735	160	31	19	18	5
		Fe.			741	121	30	24	11	7
Adams,	9,213	Ma.	2·40	149	75	24	6	-	2	-
		Fe.			74	19	4	3	1	1
Alford,	297	Ma.	2·02	6	4	-	-	-	-	-
		Fe.			2	-	-	-	-	-
Becket,	946	Ma.	1·48	14	8	1	-	-	-	-
		Fe.			6	-	-	-	-	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
13	5	14	23	4	20	26	16	15	26	27	34	50	47	62	47	23	10	1	2
8	3	6	11	1	11	12	6	6	15	13	22	25	26	38	20	12	5	-	2
5	2	8	12	3	9	14	10	9	11	14	12	25	21	24	27	11	5	1	-
-	1	2	1	-	1	-	2	2	4	-	5	2	4	5	1	1	1	-	-
1	1	1	4	1	3	7	4	1	1	4	4	5	1	5	6	1	1	-	-
-	-	-	-	-	-	-	-	-	1	2	1	1	4	1	1	-	-	-	-
-	-	1	-	-	-	-	-	2	1	1	-	1	2	-	-	1	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	2	1	1	1	1	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	1	1	-	1	-	1	-	-
-	-	1	-	-	-	1	-	-	1	-	1	3	-	3	1	1	1	-	-
-	-	1	2	1	2	-	1	-	4	1	1	3	-	3	2	1	-	1	-
-	-	2	2	-	1	3	1	-	-	3	3	2	3	8	2	-	-	-	-
-	-	1	2	-	2	1	1	-	2	2	2	3	1	9	-	-	-	-	-
-	-	-	1	-	1	-	-	-	-	1	1	-	-	2	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-
-	-	-	-	-	1	2	-	-	1	-	2	2	1	-	3	2	-	-	1
-	1	-	-	-	-	-	1	1	-	1	1	2	1	1	3	2	-	-	-
1	-	-	1	-	1	1	-	1	1	3	1	1	4	4	1	1	-	-	-
1	-	2	-	-	1	1	1	2	-	1	2	1	1	-	4	-	2	-	-
1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
1	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	-	-	-
1	-	-	1	-	-	1	-	-	2	-	-	1	3	3	2	1	-	-	-
-	-	-	-	-	-	1	-	-	1	2	-	-	-	1	-	-	-	-	-
3	2	-	3	1	2	2	-	2	1	-	7	5	1	3	2	2	-	-	-
2	-	1	1	1	1	2	-	-	-	-	2	2	4	-	5	3	-	-	-
1	-	-	-	-	1	-	-	1	2	-	1	3	1	3	-	1	2	-	-
-	-	-	1	-	-	-	-	2	-	1	-	2	4	-	4	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	2	1	-	-	-
-	-	-	1	-	-	1	-	-	1	-	-	-	-	1	1	-	-	-	-
1	-	-	-	-	3	2	2	-	1	2	-	1	1	3	2	-	-	-	-
-	-	1	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
-	-	-	2	-	-	-	-	-	1	2	-	1	2	1	2	1	-	-	1
-	-	-	-	-	-	-	1	1	1	1	-	3	4	2	1	2	-	-	-
59	33	53	62	57	57	45	43	39	49	54	77	83	96	100	74	33	20	2	14
27	13	25	29	32	22	24	22	23	28	26	35	34	48	43	40	15	8	1	7
32	20	28	33	25	35	21	21	16	21	28	42	49	48	57	34	18	12	1	7
-	1	3	3	4	2	2	1	3	3	3	8	2	1	1	2	1	1	-	2
2	3	4	4	2	3	1	4	3	2	2	2	1	3	6	-	2	2	-	-
-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
1	-	-	-	-	-	-	-	-	1	-	1	1	-	2	1	-	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-	1

TABLE VIII. — Continued.

Counties and Towns.	Population — 1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Berkshire — Con.										
Cheshire,	1,308	Ma.	2·06	27	19	1	1	–	2	–
		Fe.			8	1	–	–	–	–
Clarksburg,	884	Ma.	1·92	17	9	2	–	–	–	–
		Fe.			8	2	1	–	–	–
Dalton,	2,885	Ma.	1·70	49	22	6	1	–	1	–
		Fe.			27	5	1	–	1	–
Egremont,	845	Ma.	1·07	9	2	1	–	–	–	–
		Fe.			7	1	–	–	–	–
Florida,	436	Ma.	1·38	6	4	1	–	–	–	–
		Fe.			2	–	–	–	–	–
Great Barrington,	4,612	Ma.	1·24	57	27	3	2	1	1	–
		Fe.			30	–	–	–	–	–
Hancock,	506	Ma.	2·57	13	5	–	–	–	1	–
		Fe.			8	–	–	1	–	–
Hinsdale,	1,739	Ma.	2·36	41	22	2	1	1	–	–
		Fe.			19	1	–	1	2	–
Lanesborough,	1,018	Ma.	1·38	14	8	–	–	–	–	–
		Fe.			6	1	–	–	–	–
Lee,	3,785	Ma.	1·59	60	30	7	3	–	–	–
		Fe.			30	5	–	3	–	–
Lenox,	2,889	Ma.	1·38	40	18	6	–	–	–	–
		Fe.			22	6	–	1	–	–
Monterey,	495	Ma.	3·03	15	7	2	–	–	–	–
		Fe.			8	1	–	–	–	–
Mt. Washington,	148	Ma.	2·03	3	3	–	–	–	–	–
		Fe.			–	–	–	–	–	–
New Ashford,	125	Ma.	·80	1	–	–	–	–	–	–
		Fe.			1	–	–	–	–	–
New Marlboro',	1,305	Ma.	2·22	29	17	–	–	–	–	–
		Fe.			12	1	–	–	–	–
North Adams,	16,074	Ma.	1·91	307	152	48	7	8	4	–
		Fe.			155	37	11	4	1	1
Otis,	583	Ma.	2·06	12	3	1	–	–	–	–
		Fe.			9	1	–	–	1	–
Peru,	305	Ma.	3·28	10	5	–	–	–	–	–
		Fe.			5	–	–	–	–	–
Pittsfield,	17,281	Ma.	2·00	345	173	39	8	6	5	4
		Fe.			172	25	9	7	4	3
Richmond,	796	Ma.	2·01	16	8	–	–	–	–	–
		Fe.			8	–	–	–	–	–
Sandisfield,	807	Ma.	2·73	22	9	–	1	1	–	–
		Fe.			13	–	–	–	–	–

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	1	-	-	-	1	-	1	-	1	2	1	3	1	2	2	-	-	-	-
-	-	1	-	-	-	-	-	-	-	-	1	-	-	3	-	1	1	-	-
-	-	1	-	1	-	1	-	-	-	1	-	-	1	1	-	-	1	-	-
1	1	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-
1	-	1	-	1	-	1	1	2	-	1	1	3	-	2	-	-	-	-	-
-	-	3	1	4	-	-	1	2	1	3	3	-	1	1	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	2	-	-	1	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-
1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	3	-	-	-	2	1	1	3	-	-	1	3	4	-	-	1	-
-	2	3	3	-	2	-	-	-	2	2	4	3	5	4	-	-	-	-	-
2	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
1	1	-	-	1	-	1	-	-	-	-	1	1	-	1	-	-	-	-	-
1	1	2	-	3	1	1	2	1	1	1	1	1	1	1	-	-	-	-	-
1	1	1	-	1	-	-	-	1	-	1	-	4	2	-	1	1	1	-	-
1	-	-	-	-	1	1	1	-	-	-	-	-	2	2	-	-	-	-	-
-	-	-	-	1	-	-	1	-	-	1	-	1	-	1	-	-	-	-	-
-	-	-	1	2	-	4	-	-	2	1	3	1	-	1	4	-	1	-	-
1	1	1	2	-	2	1	1	1	1	-	-	3	2	2	2	1	1	-	-
-	-	-	-	1	2	-	2	2	-	-	-	-	-	3	2	-	-	-	-
-	-	1	1	1	2	-	1	1	-	1	-	1	2	2	1	-	1	-	-
-	-	-	-	-	1	-	1	-	-	-	1	-	-	-	2	-	-	-	-
1	-	-	-	-	1	1	1	-	-	-	1	-	1	-	-	1	-	-	-
-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	4	-	1	1	-	1	-	-	1	3	-	3	-	2	-	-
-	1	1	1	-	1	-	-	-	-	-	1	1	1	3	-	-	1	-	-
5	3	4	10	7	3	6	6	3	7	3	3	5	6	5	4	3	-	-	2
5	3	5	10	5	10	6	3	5	7	4	13	5	7	3	7	2	-	-	1
-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	-	-	-
-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	2	1	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	-
11	5	8	6	6	6	5	3	5	5	7	7	7	11	9	6	3	-	-	1
15	2	4	6	7	10	4	6	1	4	4	6	14	8	12	8	6	4	-	3
1	-	-	-	-	-	-	-	1	-	-	2	-	1	1	-	2	-	-	-
1	-	-	1	-	-	-	-	-	-	-	-	3	-	2	-	1	-	-	-
1	-	1	-	-	-	-	-	-	1	-	-	1	-	1	1	1	-	-	-
1	1	-	-	-	-	-	-	1	-	-	2	-	2	2	3	-	1	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890.		Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.		Per ct. to Pop.	Persons.	Sex.					
Berkshire—Con.										
Savoy,	569	Ma.	1·76	10	6	1	–	–	1	–
		Fe.			4	–	–	–	–	–
Sheffield,	1,954	Ma.	1·74	34	15	3	–	1	–	–
		Fe.			19	1	1	1	–	1
Stockbridge,	2,132	Ma.	1·36	29	9	2	–	–	–	–
		Fe.			20	–	–	–	1	1
Tyringham,	412	Ma.	1·70	7	5	1	–	–	–	–
		Fe.			2	–	–	–	–	–
Washington,	434	Ma.	1·38	6	1	–	–	–	–	–
		Fe.			5	–	–	1	–	–
West Stockbridge,	1,492	Ma.	3·22	48	28	1	1	1	–	–
		Fe.			20	5	1	1	–	–
Williamstown,	4,221	Ma.	1·66	70	38	8	–	–	1	1
		Fe.			32	9	2	1	–	–
Windsor,	612	Ma.	1·63	10	3	–	–	–	–	–
		Fe.			7	–	–	–	–	–
Bristol Co.,	186,465	Tot.	2·03	3,778	3,778	1,053	209	108	69	32
		Ma.			1,901	574	108	54	33	13
		Fe.			1,877	479	101	54	36	19
Acushnet,	1,027	Ma.	2·04	21	11	2	–	1	1	–
		Fe.			10	–	–	–	–	–
Attleborough,	7,577	Ma.	1·39	105	53	15	2	2	–	–
		Fe.			52	12	3	2	1	–
Berkley,	894	Ma.	1·90	17	10	1	–	–	–	–
		Fe.			7	–	–	–	–	–
Dartmouth,	3,122	Ma.	1·70	53	28	5	1	–	1	–
		Fe.			25	3	–	–	–	–
Dighton,	1,889	Ma.	1·32	25	12	2	–	1	–	–
		Fe.			13	2	1	–	1	–
Easton,	4,493	Ma.	1·87	84	46	9	1	2	1	–
		Fe.			38	2	2	2	–	1
Fairhaven,	2,919	Ma.	1·78	52	23	4	–	–	–	–
		Fe.			29	1	–	–	–	–
Fall River,	74,398	Ma.	2·29	1,705	841	319	52	23	14	8
		Fe.			864	275	51	32	22	6
Freetown,	1,417	Ma.	2·26	32	15	2	–	1	1	–
		Fe.			17	3	–	–	–	–
Mansfield,	3,432	Ma.	1·40	48	31	5	2	2	–	–
		Fe.			17	4	–	–	–	–
New Bedford,	40,733	Ma.	2·06	839	424	126	27	14	7	3
		Fe.			415	100	28	7	6	4
North Attleboro',	6,727	Ma.	1·32	89	47	11	4	1	1	–
		Fe.			42	6	1	2	–	1

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	-
-	-	-	-	1	-	1	-	-	-	-	-	-	1	1	-	-	-	-	-
-	-	-	-	1	1	-	-	-	-	1	-	3	3	1	-	-	1	-	-
-	-	1	1	-	-	-	-	-	-	1	3	2	-	4	2	1	-	-	-
-	-	-	-	-	-	-	-	-	1	-	2	-	2	1	-	1	-	-	-
2	-	1	-	-	-	1	-	-	1	3	1	3	2	3	1	-	-	-	-
-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	1	-	1	1	-	-	-	-	-	-
-	-	-	3	1	2	1	1	1	1	1	2	2	4	4	-	-	1	-	1
-	-	1	1	-	-	1	1	-	1	1	1	3	1	1	1	-	-	-	-
-	1	4	2	1	-	1	-	1	3	2	3	2	4	2	1	1	-	-	-
-	1	-	1	1	1	2	1	-	2	2	1	-	2	1	4	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	-
-	-	-	-	-	-	1	-	1	-	1	1	1	-	1	-	-	-	1	-
96	60	110	159	144	124	115	134	137	155	149	177	178	172	168	108	69	33	12	7
40	32	46	66	76	66	55	60	54	83	78	91	90	97	90	55	24	11	1	4
56	28	64	93	68	58	60	74	83	72	71	86	88	75	78	53	45	22	11	3
-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	1	1	-	1
-	-	-	-	-	-	-	-	-	-	1	1	2	4	1	-	-	1	-	-
1	1	2	4	4	1	3	-	1	4	1	1	2	5	1	2	-	1	-	-
-	-	3	2	2	2	2	2	2	3	2	3	4	2	1	2	2	-	-	-
-	-	-	-	-	2	-	-	-	-	2	1	-	1	-	1	2	-	-	-
-	-	-	-	-	-	-	-	1	-	1	2	-	-	1	2	-	-	-	-
1	-	1	1	-	1	-	2	1	-	-	2	2	3	2	1	2	2	-	-
1	-	1	-	2	1	-	1	1	3	1	-	-	1	1	3	2	3	1	-
-	1	-	1	-	-	-	-	-	-	-	2	2	-	2	1	-	-	-	-
1	-	-	1	-	-	-	1	-	-	1	-	2	1	1	1	-	-	-	-
5	1	-	-	2	1	2	1	-	2	3	5	3	4	2	2	-	-	-	-
2	-	-	-	3	1	-	1	1	1	1	1	1	1	7	4	3	2	1	1
-	-	-	-	-	-	-	2	1	2	1	1	3	1	4	4	-	-	-	-
-	1	2	-	-	1	1	1	2	2	2	4	1	2	2	5	-	1	-	1
15	18	24	31	44	28	25	34	30	41	29	24	28	22	21	8	1	2	-	-
33	15	26	50	38	23	22	37	40	22	25	37	36	18	24	17	11	3	1	-
1	-	-	-	-	-	-	1	-	1	-	1	1	5	1	-	-	-	-	-
2	-	2	-	-	-	1	-	-	-	1	2	1	2	2	-	-	1	-	-
2	1	1	2	-	1	1	-	-	-	1	2	2	7	-	1	1	-	-	-
2	-	2	-	1	-	2	1	-	1	1	-	1	-	-	-	2	-	-	-
9	4	10	16	14	16	15	11	10	15	17	22	19	22	25	12	7	2	-	1
9	5	15	20	8	17	20	21	18	21	20	14	17	18	15	14	9	5	3	1
-	1	-	4	6	2	1	3	2	2	2	3	1	-	1	1	-	-	-	1
1	3	-	3	1	2	2	2	2	2	3	1	3	4	2	-	1	-	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Bristol — Con.										
Norton,	1,785	Ma.	1·90	34	20	4	1	–	–	–
		Fe.			14	2	–	–	–	–
Raynham,	1,340	Ma.	1·94	26	12	1	–	–	–	–
		Fe.			14	2	–	–	–	–
Rehoboth,	1,786	Ma.	1·68	30	21	4	–	–	1	–
		Fe.			9	–	–	–	–	–
Seekonk,	1,317	Ma.	1·59	21	8	2	–	–	–	–
		Fe.			13	1	1	–	–	–
Somerset,	2,106	Ma.	1·76	37	20	2	2	1	–	–
		Fe.			17	2	–	–	–	–
Swanzey,	1,456	Ma.	1·30	19	12	3	–	1	–	–
		Fe.			7	2	–	–	–	–
Taunton,	25,448	Ma.	1·90	493	246	54	16	5	6	2
		Fe.			247	59	14	9	5	7
Westport,	2,599	Ma.	1·85	48	21	3	–	–	–	–
		Fe.			27	3	–	–	1	–
Dukes Co.,	4,369	Tot.	2·54	111	111	14	3	1	1	–
		Ma.			65	10	1	1	1	–
		Fe.			46	4	2	–	–	–
Chilmark,	353	Ma.	2·86	10	5	1	–	–	1	–
		Fe.			5	–	–	–	–	–
Cottage City,	1,080	Ma.	2·10	32	24	5	1	1	–	–
		Fe.			8	1	2	–	–	–
Edgartown,	1,156	Ma.	1·99	23	11	1	–	–	–	–
		Fe.			12	1	–	–	–	–
Gay Head,	139	Ma.	5·76	8	4	1	–	–	–	–
		Fe.			4	1	–	–	–	–
Gosnold,	135	Ma.	·74	1	1	–	–	–	–	–
		Fe.			–	–	–	–	–	–
Tisbury,	1,506	Ma.	2·46	37	20	2	–	–	–	–
		Fe.			17	1	–	–	–	–
Essex Co.,	299,995	Tot.	2·00	6,007	6,007	1,279	285	137	102	78
		Ma.			3,001	747	131	63	53	34
		Fe.			3,006	532	154	74	49	44
Amesbury,	9,798	Ma.	1·88	184	96	24	4	1	3	1
		Fe.			88	24	5	–	1	2
Andover,	6,142	Ma.	1·66	102	46	9	–	2	–	1
		Fe.			56	10	2	–	–	1
Beverly,	10,821	Ma.	1·56	169	84	23	7	3	1	–
		Fe.			85	12	4	3	1	–
Boxford,	865	Ma.	2·20	19	13	2	–	–	–	–
		Fe.			6	1	–	–	–	1

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	1	1	-	-	-	1	1	2	2	-	2	4	-	-	1	-	-
-	-	-	1	-	-	-	1	-	3	2	1	2	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	2	-	1	2	2	2	-	1	1	-
-	-	1	-	-	-	1	-	1	-	1	-	2	-	-	-	3	1	2	-
1	-	-	-	-	-	-	-	1	1	1	1	1	-	2	5	3	-	-	-
-	-	-	-	-	1	-	-	1	1	1	2	-	-	1	-	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3	-	-	-	-
-	-	-	1	-	-	-	-	1	-	-	-	1	3	1	-	3	-	1	-
-	-	1	1	-	1	1	-	-	2	3	2	1	-	1	1	-	-	-	1
-	-	2	1	-	-	-	-	-	1	-	2	1	2	2	-	3	-	1	-
-	-	-	-	-	1	-	-	-	1	-	4	-	-	1	1	-	-	-	-
-	1	-	1	-	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-
5	5	6	5	5	11	7	6	7	11	12	12	18	18	19	8	7	1	-	-
5	2	9	10	12	6	9	6	11	11	6	14	13	13	14	4	4	4	-	-
-	-	1	-	-	1	-	-	-	-	2	5	4	2	1	2	-	-	-	-
-	1	1	3	1	4	-	-	1	1	2	2	-	2	2	1	1	-	1	-
1	-	2	2	5	2	5	2	4	5	6	4	11	11	11	11	5	3	1	1
-	-	1	2	3	-	3	2	4	2	4	1	10	3	8	6	2	1	-	-
1	-	1	-	2	2	2	-	-	3	2	3	1	8	3	5	3	2	1	1
-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-
-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	2	-	-	-	-
-	-	-	-	1	-	1	1	2	1	1	-	6	2	-	1	1	-	-	-
-	-	-	-	-	-	1	-	-	1	1	-	-	1	-	-	1	-	-	-
-	-	-	1	-	-	-	-	-	-	1	-	2	-	3	3	-	-	-	-
1	-	-	-	-	-	-	-	-	-	1	-	-	5	1	-	1	-	1	1
-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	2	-	2	1	2	1	1	1	1	1	3	-	1	1	-	-
-	-	-	-	2	1	1	-	-	2	-	1	1	1	2	2	1	2	-	-
203	100	192	284	248	249	228	204	252	262	279	258	319	296	253	251	119	49	15	65
104	48	83	144	132	118	110	92	117	134	132	130	157	139	111	103	44	15	3	57
99	52	109	140	116	131	118	112	135	128	147	128	162	157	142	148	75	34	12	8
4	-	-	2	4	5	-	3	5	6	4	8	4	3	5	4	3	-	-	3
4	2	2	4	5	5	1	4	4	-	3	2	1	5	1	5	3	2	2	1
-	-	5	1	1	-	1	1	3	1	4	2	3	4	4	3	1	-	-	-
3	-	1	2	3	3	2	4	3	2	2	3	3	4	6	-	1	1	-	-
1	1	-	2	2	-	2	3	1	5	4	2	5	6	8	6	-	1	-	1
-	2	3	3	4	3	3	3	4	3	4	2	5	8	5	10	2	1	-	-
1	-	1	-	1	-	1	-	-	-	-	1	1	1	2	1	1	-	-	-
-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	1	-	-	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Essex — Con.										
Bradford,	3,720	Ma.	1·88	70	33	8	2	–	1	–
		Fe.			37	4	5	–	1	1
Danvers,	7,454	Ma.	2·04	152	71	8	2	–	–	–
		Fe.			81	4	2	2	–	–
Essex,	1,713	Ma.	1·52	26	9	–	1	–	–	–
		Fe.			17	5	–	–	–	–
Georgetown,	2,117	Ma.	1·75	37	17	4	1	–	–	–
		Fe.			20	3	–	–	–	–
Gloucester,	24,651	Ma.	1·72	424	258	58	7	2	2	2
		Fe.			166	39	8	2	–	1
Groveland,	2,191	Ma.	1·78	39	22	3	–	–	–	–
		Fe.			17	1	–	–	–	–
Hamilton,	961	Ma.	1·77	17	12	2	–	–	–	–
		Fe.			5	–	–	–	–	–
Haverhill,	27,412	Ma.	1·89	518	258	80	12	4	5	1
		Fe.			260	64	12	8	4	3
Ipswich,	4,439	Ma.	1·87	83	43	3	2	1	1	1
		Fe.			40	3	–	1	–	–
Lawrence,	44,654	Ma.	2·65	1,184	565	193	33	17	10	13
		Fe.			619	140	41	22	18	13
Lynn,	55,727	Ma.	1·70	948	492	124	17	13	10	6
		Fe.			456	54	22	11	8	4
Lynnfield,	787	Ma.	1·27	10	5	1	–	1	–	–
		Fe.			5	–	–	–	–	–
Manchester,	1,789	Ma.	1·40	25	11	1	–	1	–	–
		Fe.			14	2	–	–	–	–
Marblehead,	8,202	Ma.	2·00	164	80	14	6	2	2	–
		Fe.			84	5	2	1	–	2
Merrimac,	2,633	Ma.	1·41	37	15	5	1	–	–	–
		Fe.			22	1	1	1	–	2
Methuen,	4,814	Ma.	2·51	121	64	11	2	–	1	1
		Fe.			57	10	2	–	–	–
Middleton,	924	Ma.	1·08	10	5	–	–	–	–	–
		Fe.			5	–	–	–	–	–
Nahant,	880	Ma.	1·25	11	7	1	–	–	–	–
		Fe.			4	–	–	–	–	–
Newbury,	1,427	Ma.	·84	12	8	1	–	–	–	–
		Fe.			4	–	–	–	–	1
Newburyport,	13,947	Ma.	2·29	320	145	29	4	1	4	2
		Fe.			175	23	12	6	4	4
North Andover,	3,742	Ma.	2·16	81	41	8	3	–	1	–
		Fe.			40	10	1	1	–	2

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
4	-	-	1	3	3	1	-	1	1	1	1	4	1	-	-	1	-	-	-
-	-	1	2	3	-	-	2	4	-	2	-	2	3	3	1	1	1	-	1
1	-	2	3	1	-	7	5	5	6	4	3	3	6	6	6	1	2	-	-
1	-	2	3	2	5	5	4	6	3	13	6	3	7	3	5	2	3	-	-
-	-	-	1	-	-	1	-	1	1	2	-	-	2	-	-	-	-	-	-
-	-	1	-	1	-	1	-	-	-	4	1	1	-	1	1	1	-	-	-
-	-	-	1	-	1	-	-	-	-	-	3	1	2	2	2	-	-	-	-
-	1	-	-	-	-	-	1	1	2	4	1	1	-	3	3	-	-	-	-
4	3	7	18	24	8	12	10	6	8	4	11	6	7	4	6	1	-	1	47
7	4	3	10	4	7	11	8	7	14	4	10	5	10	3	3	3	2	1	-
1	-	-	2	-	3	-	-	2	2	1	2	4	-	2	-	-	-	-	-
-	-	-	1	2	-	1	-	-	2	2	2	1	2	1	1	-	1	-	-
-	-	-	-	-	-	1	-	1	-	1	2	-	1	2	-	2	-	-	-
-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	3	-	-	-	-
7	10	6	11	9	10	4	9	11	10	8	8	22	14	7	6	3	-	1	-
8	2	12	7	9	14	13	11	14	7	13	9	16	12	11	5	4	1	1	-
2	-	2	-	2	3	4	-	2	1	3	3	5	2	1	1	3	1	-	-
1	1	1	3	-	1	4	1	4	-	1	-	4	4	7	2	-	2	-	-
18	9	15	44	25	33	20	12	25	27	18	18	16	5	5	2	4	-	-	3
31	16	20	41	28	25	26	27	29	29	29	20	25	13	7	11	5	1	-	2
26	11	17	20	26	24	21	22	17	18	23	21	27	13	17	12	3	3	-	1
8	13	20	26	20	25	24	20	27	25	17	20	17	24	27	28	9	4	1	2
-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	1	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	1	2	1	1	2	1	-	-	-
-	-	-	-	1	-	1	1	-	-	2	-	2	-	2	1	1	1	-	-
2	-	2	4	1	3	4	1	1	4	7	4	8	5	3	5	1	1	-	-
6	-	4	2	2	6	4	2	1	6	5	3	7	7	5	6	7	-	-	1
-	-	-	-	-	-	1	1	-	-	1	1	2	3	-	-	-	-	-	-
1	-	1	-	1	1	1	-	1	1	-	1	1	2	1	3	2	-	-	-
3	-	2	1	1	1	2	2	3	5	5	3	5	7	5	3	-	-	1	-
1	-	2	5	1	3	1	2	-	4	2	9	2	2	1	6	2	1	1	-
1	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-
-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	2	-	-
-	-	-	-	-	-	-	-	-	-	-	1	2	1	-	2	-	-	-	-
-	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-
1	-	-	-	-	-	1	-	-	1	-	-	1	1	-	2	-	-	-	-
-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	-	-	-
14	3	3	2	6	4	6	1	8	8	8	8	1	13	11	4	4	1	-	-
6	2	9	6	9	8	6	5	4	2	7	7	14	7	10	14	5	2	2	1
2	3	3	1	1	2	2	-	1	2	3	-	-	2	2	3	2	-	-	-
7	-	3	-	1	-	-	1	1	2	-	1	3	2	3	1	1	-	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890.		Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.		Per ct. to Pop.	Persons.	Sex.					
Essex — Con.										
Peabody,	10,158	Ma.	1·99	202	95	26	5	4	–	–
		Fe.			107	22	4	4	2	1
Rockport,	4,087	Ma.	1·96	80	48	3	4	–	1	–
		Fe.			32	5	1	2	–	2
Rowley,	1,248	Ma.	2·56	32	16	–	1	–	–	–
		Fe.			16	3	–	–	–	–
Salem,	30,801	Ma.	2·32	714	344	90	16	10	8	5
		Fe.			370	77	26	10	8	3
Salisbury,	1,316	Ma.	2·81	37	16	1	–	–	–	–
		Fe.			21	2	1	–	1	–
Saugus,	3,673	Ma.	1·77	65	30	7	–	1	1	1
		Fe.			35	4	1	–	–	–
Swampscott,	3,198	Ma.	1·47	47	24	4	1	–	1	–
		Fe.			23	3	–	–	1	–
Topsfield,	1,022	Ma.	2·05	21	8	–	–	–	–	–
		Fe.			13	–	1	–	–	–
Wenham,	886	Ma.	1·81	16	4	1	–	–	–	–
		Fe.			12	–	1	–	–	–
West Newbury,	1,796	Ma.	1·61	30	16	3	–	–	1	–
		Fe.			14	1	–	–	–	1
Franklin Co.,	38,610	Tot.	1·58	610	610	95	24	2	5	7
		Ma.			288	46	12	1	2	3
		Fe.			322	49	12	1	3	4
Ashfield,	1,025	Ma.	2·15	22	13	–	–	–	–	–
		Fe.			9	–	1	–	–	–
Bernardston,	770	Ma.	2·47	19	10	1	1	–	–	–
		Fe.			9	1	–	–	–	–
Buckland,	1,570	Ma.	2·10	33	18	1	1	–	–	1
		Fe.			15	5	–	–	–	–
Charlemont,	972	Ma.	1·85	18	8	2	–	–	–	–
		Fe.			10	1	–	–	–	1
Colrain,	1,671	Ma.	1·32	22	9	4	1	–	–	–
		Fe.			13	–	–	–	–	–
Conway,	1,451	Ma.	1·52	22	11	1	1	1	–	–
		Fe.			11	3	–	–	–	–
Deerfield,	2,910	Ma.	1·68	49	25	2	–	–	–	–
		Fe.			24	2	–	–	–	–
Erving,	972	Ma.	1·44	14	6	–	–	–	1	–
		Fe.			8	–	–	–	–	1
Gill,	960	Ma.	1·46	14	10	1	–	–	–	–
		Fe.			4	1	1	–	–	–

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
3	-	2	6	7	2	1	4	3	6	7	4	3	6	-	5	1	-	-	-
2	2	4	5	4	5	4	2	-	5	5	5	7	9	5	4	5	1	-	-
2	-	2	3	2	1	2	1	4	4	-	2	1	6	2	5	2	1	-	-
1	-	2	-	-	2	-	-	1	3	-	-	2	-	5	3	3	-	-	-
-	1	-	-	-	2	1	1	-	-	-	2	3	1	-	1	3	-	-	-
-	-	1	-	-	-	1	-	1	-	2	3	-	1	2	2	-	-	-	-
4	4	8	14	13	12	11	12	16	12	16	15	23	18	15	17	3	2	-	-
9	3	12	15	10	13	7	6	17	12	16	19	30	24	19	14	11	6	3	-
2	1	-	2	2	1	-	1	1	1	-	-	-	2	-	-	1	1	-	-
-	3	-	-	1	-	-	2	-	-	-	1	-	3	2	3	1	1	-	-
1	1	4	-	-	-	-	1	-	1	2	1	1	2	1	1	3	-	-	1
2	-	2	2	3	1	1	1	1	2	1	1	3	3	3	2	2	-	-	-
-	1	2	1	1	-	-	2	-	2	3	-	-	2	1	2	-	-	-	1
-	1	-	-	1	3	-	3	-	-	2	1	-	-	1	6	1	-	-	-
-	-	-	-	-	-	1	-	-	1	2	1	1	-	-	1	-	1	-	-
1	-	-	1	-	-	-	-	-	-	2	1	2	2	1	2	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
-	-	-	1	-	1	-	-	3	2	-	-	1	1	1	-	1	-	-	-
-	-	-	3	-	-	2	-	-	-	-	2	-	1	3	-	-	1	-	-
-	-	3	-	-	-	-	1	1	-	-	-	1	1	2	1	1	-	1	-
12	15	16	24	20	16	20	22	23	17	33	25	42	47	50	45	26	20	4	-
7	5	7	10	8	7	10	11	3	6	19	13	24	20	28	21	13	10	2	-
5	10	9	14	12	9	10	11	20	11	14	12	18	27	22	24	13	10	2	-
1	-	-	-	-	-	-	-	-	-	-	1	1	3	2	2	1	2	-	-
-	-	1	-	-	-	-	1	-	1	-	-	1	-	1	2	-	1	-	-
-	-	-	1	-	-	-	-	-	-	-	-	3	-	-	2	1	1	-	-
-	-	1	-	-	1	-	-	1	-	-	1	1	2	1	-	-	-	-	-
-	1	1	-	-	-	-	1	-	-	2	-	3	2	1	3	1	-	-	-
1	-	-	-	1	1	-	-	-	2	1	-	1	1	-	1	1	-	-	-
-	-	1	-	-	-	-	1	-	-	-	-	1	-	1	1	-	1	-	-
1	-	-	-	-	-	-	1	-	-	1	1	-	-	2	2	-	-	-	-
-	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	-	1	-	-
-	-	1	-	-	-	1	-	3	-	-	-	2	3	-	3	-	-	-	-
-	-	1	1	1	-	-	-	-	-	-	-	2	-	1	-	1	1	-	-
-	-	1	1	-	1	-	-	-	1	-	1	1	-	-	1	-	-	1	-
1	1	-	1	-	1	2	1	-	-	5	2	3	2	2	2	-	-	-	-
1	1	1	1	2	1	-	-	-	1	4	-	1	4	2	2	1	-	-	-
-	1	-	-	-	-	-	-	-	-	-	-	1	2	1	-	-	-	-	-
-	-	1	-	1	1	-	-	-	-	-	-	2	1	-	-	1	-	-	-
2	-	-	2	1	1	-	-	-	-	-	1	-	-	1	-	-	-	1	-
-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Franklin — Con.										
Greenfield,	5,252	Ma.	1·28	67	30	5	-	-	-	-
		Fe.			37	5	1	-	-	-
Hawley,	515	Ma.	1·94	10	7	-	-	-	-	-
		Fe.			3	-	-	-	-	-
Heath,	503	Ma.	1·19	6	3	1	-	-	-	-
		Fe.			3	-	1	-	-	-
Leverett,	702	Ma.	1·42	10	3	-	-	-	-	-
		Fe.			7	2	-	-	1	-
Leyden,	407	Ma.	1·72	7	3	-	-	-	-	-
		Fe.			4	-	-	1	-	-
Monroe,	282	Ma.	2·48	7	5	1	-	-	-	-
		Fe.			2	1	-	-	-	-
Montague,	6,296	Ma.	1·46	92	48	14	8	-	1	1
		Fe.			44	17	3	-	1	1
New Salem,	856	Ma.	1·75	15	4	1	-	-	-	-
		Fe.			11	-	-	-	-	-
Northfield,	1,869	Ma.	1·23	23	14	-	-	-	-	-
		Fe.			9	-	-	-	-	-
Orange,	4,568	Ma.	1·53	70	21	6	-	-	-	-
		Fe.			49	10	3	-	1	1
Rowe,	541	Ma.	1·66	9	5	-	-	-	-	-
		Fe.			4	1	-	-	-	-
Shelburne,	1,553	Ma.	1·61	25	8	2	-	-	-	-
		Fe.			17	-	-	-	-	-
Shutesbury,	453	Ma.	1·72	8	3	-	-	-	-	-
		Fe.			5	-	-	-	-	-
Sunderland,	663	Ma.	1·81	12	4	1	-	-	-	1
		Fe.			8	-	-	-	-	-
Warwick,	565	Ma.	1·94	11	8	-	-	-	-	-
		Fe.			3	-	-	-	-	-
Wendell,	505	Ma.	1·19	6	6	1	-	-	-	-
		Fe.			-	-	-	-	-	-
Whately,	779	Ma.	2·44	19	6	2	-	-	-	-
		Fe.			13	-	2	-	-	-
Hampden Co.,	135,713	Tot.	1·95	2,653	2,653	645	159	84	50	34
		Ma.			1,318	345	78	48	26	18
		Fe.			1,335	300	81	36	24	16
Agawam,	2,352	Ma.	1·87	44	24	4	2	-	1	1
		Fe.			20	5	-	-	1	-
Blandford,	871	Ma.	1·49	13	7	2	1	1	-	-
		Fe.			6	-	1	-	-	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	2	1	1	-	4	2	1	1	1	1	1	2	4	2	1	1	-	-
-	1	-	3	1	1	2	1	2	-	1	-	3	2	5	3	1	4	1	-
-	-	-	-	1	-	1	1	-	-	1	-	1	1	-	-	1	-	-	-
-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-
1	-	-	-	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	-
-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
2	2	-	2	3	1	1	2	2	2	1	3	2	-	-	-	1	-	-	-
1	1	-	3	3	-	1	1	2	1	-	2	1	1	2	-	2	1	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-
-	-	-	1	-	1	-	-	-	2	-	1	1	2	1	1	1	-	-	-
-	-	-	-	-	-	-	1	-	1	-	-	2	2	4	3	1	-	-	-
-	-	-	-	-	1	-	-	-	-	1	3	1	-	1	-	1	1	-	-
1	-	-	1	1	1	1	1	-	1	1	1	-	3	1	2	-	-	-	-
-	3	-	1	2	-	6	4	4	-	2	-	2	3	3	3	1	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-
-	-	-	-	-	1	1	-	-	-	4	-	-	-	-	-	-	-	-	-
-	2	1	1	-	-	-	2	3	1	-	1	1	-	2	1	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	2	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
-	-	-	1	-	1	-	-	1	-	1	1	-	-	1	-	-	2	-	-
-	-	1	-	-	-	-	-	-	-	1	2	-	-	2	1	-	-	1	-
-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	-
-	-	1	2	1	-	-	-	1	-	-	1	-	3	-	2	-	-	-	-
84	49	94	123	108	92	95	87	95	116	112	111	129	114	104	96	50	13	5	7
47	24	41	47	49	40	46	36	54	53	54	57	67	72	46	44	17	3	3	3
37	25	53	73	59	52	49	51	41	63	58	54	62	42	58	52	33	10	2	4
-	-	1	1	1	-	1	1	1	-	-	4	3	2	1	-	-	-	-	-
-	-	-	1	1	-	1	1	1	1	-	1	-	-	4	2	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	1	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population — 1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Hampden — Con.										
Brimfield,	1,096	Ma.	2·28	25	11	1	1	1	-	-
		Fe.			14	1	-	-	-	-
Chester,	1,295	Ma.	1·08	14	9	-	-	-	-	-
		Fe.			5	1	-	-	-	-
Chicopee,	14,050	Ma.	2·36	332	168	49	6	8	4	2
		Fe.			164	36	13	7	3	2
Granville,	1,061	Ma.	1·70	18	7	1	-	-	-	-
		Fe.			11	-	-	-	-	-
Hampden,	831	Ma.	1·81	15	9	1	-	-	-	-
		Fe.			6	-	-	-	-	-
Holland,	201	Ma.	1·99	4	2	-	-	-	-	-
		Fe.			2	-	-	-	-	-
Holyoke,	35,637	Ma.	2·14	762	382	141	29	17	6	6
		Fe.			380	110	25	9	7	6
Longmeadow,	2,183	Ma.	1·51	33	18	8	1	-	-	-
		Fe.			15	2	1	1	-	-
Ludlow,	1,939	Ma.	1·55	30	15	1	2	-	-	-
		Fe.			15	3	-	2	1	-
Monson,	3,650	Ma.	1·23	45	19	1	-	1	-	-
		Fe.			26	3	-	-	1	-
Montgomery,	266	Ma.	1·88	5	2	-	-	1	-	-
		Fe.			3	-	-	-	-	-
Palmer,	6,520	Ma.	1·63	106	50	13	4	2	1	-
		Fe.			56	11	4	1	1	-
Russell,	879	Ma.	2·28	20	9	1	-	-	-	-
		Fe.			11	2	-	-	-	-
Southwick,	914	Ma.	·98	9	5	1	-	-	-	-
		Fe.			4	-	-	-	-	-
Springfield,	44,179	Ma.	1·95	861	422	88	24	15	8	8
		Fe.			439	94	31	15	4	7
Tolland,	393	Ma.	2·80	11	6	-	-	-	1	-
		Fe.			5	2	-	-	1	-
Wales,	700	Ma.	1·14	8	5	1	-	-	-	-
		Fe.			3	1	-	-	-	-
Westfield,	9,805	Ma.	1·71	168	83	17	5	2	1	1
		Fe.			85	18	3	-	1	1
West Springfield,	5,077	Ma.	1·91	97	50	13	1	-	3	-
		Fe.			47	9	1	1	4	-
Wilbraham,	1,814	Ma.	1·82	33	15	2	2	-	1	-
		Fe.			18	2	2	-	-	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	1	1	-	1	-	-	-	4	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	2	1	-	3	-	5	-	2	-	-	-
-	1	-	-	-	-	-	-	2	1	-	-	1	2	1	-	1	-	-	-
-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	1	-	-	-	-
5	3	6	6	6	5	12	4	8	3	9	9	5	7	4	3	2	-	1	1
6	2	10	12	7	3	8	5	4	4	10	4	5	7	2	6	5	2	1	-
1	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	-	-	-	-
-	-	-	-	-	2	-	-	-	-	1	-	1	4	1	2	-	-	-	-
-	-	-	-	-	-	-	-	1	-	3	2	1	1	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	3	1	-	-	-
-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
12	10	10	18	14	13	13	7	14	12	7	11	14	11	7	5	3	-	1	1
11	7	17	22	10	25	15	16	17	15	11	18	13	5	8	4	6	3	-	-
-	-	-	-	-	1	-	1	-	-	2	-	2	1	1	1	-	-	-	-
-	-	1	2	-	-	1	1	-	-	1	1	2	-	1	-	-	-	-	1
1	2	-	1	-	-	-	1	-	1	1	2	1	1	1	-	-	-	-	-
-	-	1	-	1	-	-	-	-	1	1	-	1	2	-	-	1	1	-	-
1	-	-	-	2	-	1	-	1	1	2	1	-	1	2	4	-	1	-	-
1	4	2	-	1	-	-	-	2	-	1	1	3	1	-	2	3	1	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	1	4	-	5	2	1	1	-	2	1	1	-	8	3	1	-	-	-	-
3	2	1	2	3	3	1	4	1	2	4	1	2	2	3	3	2	-	-	-
-	-	-	-	-	-	1	1	-	-	1	-	1	1	1	1	1	-	-	-
-	1	-	1	-	-	-	-	1	4	-	-	1	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	1
21	6	12	17	17	13	11	14	23	24	19	18	24	22	14	17	5	1	1	-
12	7	17	22	29	10	15	17	12	28	17	16	22	17	17	18	9	1	-	2
1	-	-	-	-	-	1	-	-	-	-	-	1	-	1	1	-	-	-	-
1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
1	-	2	2	1	4	3	3	2	4	2	6	9	8	2	5	3	-	-	-
2	1	2	3	4	4	5	4	1	3	5	4	3	3	6	8	3	1	-	-
3	-	4	1	1	2	1	3	1	5	1	1	4	2	2	1	-	-	-	1
1	-	1	5	1	4	1	2	2	2	1	5	2	1	4	-	-	-	-	-
-	1	2	-	1	-	-	-	-	-	1	-	-	1	-	3	1	-	-	-
-	-	-	2	2	1	-	-	-	1	3	1	2	-	1	1	-	-	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890.		Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.		Per ct. to Pop.	Persons.	Sex.					
Hampshire Co.,	51,859	Tot.	1·85	959	959	164	37	16	9	12
		Ma.			445	89	20	7	4	7
		Fe.			514	75	17	9	5	5
Amherst,	4,512	Ma.	1·75	79	35	6	2	-	-	-
		Fe.			44	1	-	-	-	-
Belchertown,	2,120	Ma.	2·50	53	23	1	-	1	-	-
		Fe.			30	1	-	1	-	-
Chesterfield,	608	Ma.	2 30	14	8	-	-	-	-	1
		Fe.			6	-	1	-	-	-
Cummington,	787	Ma.	1·27	10	6	-	-	-	-	-
		Fe.			4	-	-	-	-	-
Easthampton,	4,395	Ma.	2·87	126	59	13	5	1	2	4
		Fe.			67	7	1	3	2	1
Enfield,	952	Ma.	2·00	19	8	1	-	-	-	-
		Fe.			11	3	-	-	-	-
Goshen,	297	Ma	1·35	4	3	-	-	-	-	-
		Fe.			1	-	-	-	-	-
Granby,	765	Ma.	1·44	11	5	-	-	-	-	-
		Fe.			6	1	1	-	-	-
Greenwich,	526	Ma.	1·71	9	1	-	-	-	-	-
		Fe.			8	2	-	-	-	-
Hadley,	1,669	Ma.	2·51	42	19	1	1	2	-	-
		Fe.			23	4	-	-	-	-
Hatfield,	1,246	Ma.	1·61	20	10	-	-	-	-	-
		Fe.			10	-	1	-	-	-
Huntington,	1,385	Ma.	2·10	29	21	4	1	-	-	-
		Fe.			8	1	-	-	-	1
Middlefield,	455	Ma.	1·10	5	-	-	-	-	-	-
		Fe.			5	1	-	-	-	-
Northampton,	14,990	Ma.	1·51	226	99	23	3	2	1	1
		Fe.			127	28	3	4	1	-
Pelham,	486	Ma.	2·06	10	5	-	1	-	-	-
		Fe.			5	-	-	-	-	-
Plainfield,	435	Ma.	1·61	7	2	-	-	-	-	-
		Fe.			5	1	-	-	-	-
Prescott,	376	Ma.	1·86	7	5	-	-	-	-	-
		Fe.			2	-	-	-	-	-
Southampton,	1,017	Ma.	1·28	13	5	1	-	-	-	-
		Fe.			8	-	-	-	-	-
South Hadley,	4,261	Ma.	1·85	79	38	7	2	-	-	-
		Fe.			41	8	4	1	1	2
Ware,	7,329	Ma.	1·90	139	69	28	3	1	1	1
		Fe.			70	15	5	-	1	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
38	28	35	38	33	33	24	20	28	29	42	64	61	65	64	61	31	12	11	4
16	9	15	19	16	15	8	6	11	16	16	36	28	27	30	28	14	4	4	-
22	19	20	19	17	18	16	14	17	13	26	28	33	38	34	33	17	8	7	4
1	3	1	-	-	1	1	-	-	2	2	3	2	3	5	1	-	2	-	-
-	2	3	4	2	-	-	1	2	2	3	2	6	2	4	4	4	-	1	1
-	-	2	1	-	1	-	-	3	-	1	3	1	1	3	3	2	-	-	-
-	1	2	3	-	1	1	2	-	1	2	-	4	6	1	2	1	1	-	-
-	-	1	-	-	-	-	-	-	-	2	-	-	3	-	1	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	2	1	-	-	-	1	-
-	-	-	-	1	-	-	-	-	-	-	1	-	1	2	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	1	-	-	-
3	2	-	4	3	3	4	1	-	3	-	3	1	2	3	1	1	-	-	-
7	7	5	1	2	4	1	3	2	3	1	6	2	-	1	5	-	1	1	1
-	-	1	1	-	-	-	-	1	-	-	-	-	2	-	2	-	-	-	-
-	-	-	-	-	2	-	-	-	-	-	-	-	2	1	1	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	2	-	1	-	-
-	-	-	-	-	-	1	-	-	-	-	-	2	-	1	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	1	2	2	-	-	-	-	-	-
2	-	2	-	1	-	-	-	1	1	-	1	1	2	2	2	-	-	-	-
2	1	-	1	-	2	-	-	1	-	4	1	1	3	2	1	-	-	-	-
1	-	2	1	-	-	-	-	-	-	-	3	-	-	-	1	1	-	1	-
-	-	-	1	-	-	1	-	-	-	2	-	1	1	2	-	-	1	-	-
1	1	-	-	-	1	-	1	1	-	1	1	2	-	3	3	1	-	-	-
-	-	-	1	1	-	-	-	-	-	-	1	-	-	1	2	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	-	-
4	-	3	3	6	6	3	2	5	3	5	10	8	2	5	1	2	-	1	-
8	4	4	2	7	3	3	3	9	6	4	7	6	4	7	4	3	3	2	2
-	-	-	-	-	-	-	-	-	-	-	1	2	1	-		-	-	-	-
-	-	-	2	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	1	-	-	2	1	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	1	-	-	-	-	1	-	-	-	2	-	-	-	-	-
-	-	1	-	-	-	1	-	-	-	2	-	-	1	-	-	1	1	1	-
2	-	1	5	2	1	-	1	-	1	2	3	3	3	2	1	1	-	1	-
1	1	2	1	3	3	3	-	1	-	-	1	1	2	4	-	2	-	-	-
2	3	2	1	3	1	-	1	-	4	-	2	5	3	1	6	1	-	-	-
1	2	2	2	-	3	2	3	-	-	4	3	2	8	4	9	2	1	1	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890.		Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.		Per ct. to Pop.	Persons.	Sex.					
Hampshire — Con.										
Westhampton,	477	Ma.	·84	4	3	–	1	–	–	–
		Fe.			1	–	–	–	–	–
Williamsburg,	2,057	Ma.	2·09	43	16	4	1	–	–	–
		Fe.			27	2	1	–	–	1
Worthington,	714	Ma.	1·40	10	5	–	–	–	–	–
		Fe.			5	–	–	–	–	–
Middlesex Co.,	431,167	Tot.	1·84	7,948	7,948	1,877	369	146	110	78
		Ma.			3,869	1,013	177	79	58	39
		Fe.			4,079	864	192	67	52	39
Acton,	1,897	Ma.	2·00	38	22	5	–	–	–	–
		Fe.			16	3	–	–	–	–
Arlington,	5,629	Ma.	1·47	83	48	11	2	2	–	–
		Fe.			35	7	1	1	–	–
Ashby,	825	Ma.	1·09	9	4	2	–	–	–	–
		Fe.			5	–	–	–	–	–
Ashland,	2,532	Ma.	1·38	35	21	6	–	1	–	–
		Fe.			14	5	–	1	–	–
Ayer,	2,148	Ma.	1·91	41	17	4	1	1	–	–
		Fe.			24	6	2	1	–	1
Bedford,	1,092	Ma.	1·92	21	11	2	1	–	1	–
		Fe.			10	–	–	–	–	–
Belmont,	2,098	Ma.	1·14	24	12	–	2	–	–	–
		Fe.			12	2	–	–	–	–
Billerica,	2,380	Ma.	1·34	32	15	2	1	–	–	–
		Fe.			17	2	2	–	–	–
Boxborough,	325	Ma.	·31	1	–	–	–	–	–	–
		Fe.			1	–	1	–	–	–
Burlington,	617	Ma.	1·46	9	5	1	–	–	–	–
		Fe.			4	1	–	–	–	–
Cambridge,	70,028	Ma.	1·77	1,240	588	160	32	12	8	6
		Fe.			652	153	56	11	9	6
Carlisle,	481	Ma.	1·25	6	3	–	–	–	–	–
		Fe.			3	–	–	–	–	–
Chelmsford,	2,695	Ma.	2·04	55	26	6	–	2	–	1
		Fe.			29	4	–	–	–	–
Concord,	4,427	Ma.	1·33	59	24	5	–	–	–	–
		Fe.			35	7	2	–	–	–
Dracut,	1,996	Ma.	1·40	28	12	3	1	–	–	–
		Fe.			16	1	–	–	–	–
Dunstable,	416	Ma.	1·68	7	2	–	–	–	–	–
		Fe.			5	–	–	–	–	–

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	2	1	3	-	1	-	1	3	-	-	-
3	1	1	-	1	-	-	2	2	-	-	3	3	1	4	2	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	1	-	1	-
-	-	-	-	-	-	1	-	-	-	-	1	-	2	-	-	1	-	-	-
231	123	279	388	369	325	303	306	314	311	340	363	380	412	357	283	176	62	24	22
118	59	136	177	162	162	138	154	151	155	149	173	180	192	166	119	72	24	6	10
113	64	143	211	207	163	165	152	163	156	191	190	200	220	191	164	104	38	18	12
1	-	-	1	1	2	1	1	-	-	-	-	1	2	5	1	1	-	-	-
1	-	1	1	-	-	-	1	2	2	-	-	-	-	2	2	-	1	-	-
-	3	2	5	2	1	1	2	3	2	1	1	3	1	2	1	1	-	1	1
-	-	1	1	1	2	2	2	1	4	2	-	2	-	2	3	2	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	1	2	-	-	-
1	1	-	1	-	-	-	-	1	1	1	4	1	2	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	3	1	-	-	2	-	1	-	1	-
1	-	1	-	1	-	-	1	-	-	-	-	4	-	3	-	-	-	-	-
-	1	-	-	1	-	-	1	1	-	1	1	3	2	2	1	-	-	-	-
2	-	-	1	1	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-
-	1	-	1	-	-	-	-	-	1	-	1	-	2	2	1	1	-	-	-
-	-	-	-	1	-	-	-	2	-	-	2	-	1	3	1	-	-	-	-
1	1	-	-	1	-	2	-	1	-	1	1	-	-	-	2	-	-	-	-
-	-	-	1	1	-	1	-	-	-	-	1	1	-	2	2	1	1	-	1
-	-	1	1	-	-	-	-	-	-	-	1	3	5	2	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-
18	11	21	27	27	26	18	30	34	30	23	22	26	14	24	12	4	-	1	2
13	7	27	24	25	24	20	30	29	18	39	33	35	32	21	23	11	5	-	1
-	-	-	1	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-	-
1	-	3	1	1	1	-	-	1	1	2	1	2	1	-	1	1	-	-	-
-	-	1	4	1	2	-	-	-	1	4	-	2	3	2	2	2	1	-	-
1	-	2	2	1	2	-	3	1	-	1	2	2	1	-	1	-	-	-	-
-	-	1	2	2	-	2	1	1	1	-	4	3	3	1	1	3	1	-	-
-	-	-	2	-	-	-	-	-	-	1	2	-	1	2	-	-	-	-	-
-	-	1	1	2	-	1	-	-	1	2	-	-	1	1	3	2	-	-	-
-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Middlesex — Con.										
Everett,	11,068	Ma.	1·58	175	88	28	5	1	2	1
		Fe.			87	26	2	–	2	–
Framingham,	9,239	Ma.	1·62	150	81	23	5	–	3	1
		Fe.			69	9	1	–	–	–
Groton,	2,057	Ma.	1·51	31	15	2	–	–	–	–
		Fe.			16	1	–	–	–	–
Holliston,	2,619	Ma.	1·95	51	26	4	–	–	–	1
		Fe.			25	2	–	–	–	–
Hopkinton,	4,088	Ma.	2·15	88	47	11	1	1	–	–
		Fe.			41	3	1	–	–	–
Hudson,	4,670	Ma.	1·76	82	44	9	–	1	–	–
		Fe.			38	9	–	–	–	2
Lexington,	3,197	Ma.	1·85	59	29	6	1	–	–	–
		Fe.			30	4	1	–	–	–
Lincoln,	987	Ma.	1·22	12	7	2	–	–	–	–
		Fe.			5	–	1	1	–	–
Littleton,	1,025	Ma.	1·56	16	7	–	–	–	–	–
		Fe.			9	1	–	–	–	1
Lowell,	77,696	Ma.	2·52	1,960	909	298	55	25	17	11
		Fe.			1,051	282	67	23	23	8
Malden,	23,031	Ma.	1·60	369	169	46	11	6	2	1
		Fe.			200	48	6	3	1	2
Marlborough,	13,805	Ma.	1·95	269	138	49	7	4	3	2
		Fe.			131	31	10	3	3	–
Maynard,	2,700	Ma.	1·78	48	22	7	1	1	–	–
		Fe.			26	5	–	–	–	–
Medford,	11,079	Ma.	1·62	180	85	20	4	–	4	1
		Fe.			95	18	4	2	1	1
Melrose,	8,519	Ma.	1·20	102	55	18	–	1	–	1
		Fe.			47	8	2	–	–	–
Natick,	9,118	Ma.	1·70	155	80	13	2	–	2	1
		Fe.			75	16	1	–	1	2
Newton,	24,379	Ma.	1·37	333	157	36	8	5	–	1
		Fe.			176	34	–	2	2	3
North Reading,	874	Ma.	1·60	14	8	1	–	–	–	–
		Fe.			6	1	–	–	–	–
Pepperell,	3,127	Ma.	1·60	50	26	5	–	–	–	–
		Fe.			24	3	1	–	–	–
Reading,	4,088	Ma.	1·59	65	33	6	–	–	1	–
		Fe.			32	3	–	1	–	–
Sherborn,	1,381	Ma.	1·74	24	7	2	–	–	–	–
		Fe.			17	–	2	–	–	–

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
3	1	6	-	3	7	4	4	2	2	5	3	2	3	4	1	1	-	-	-
3	-	1	7	5	4	3	3	3	3	1	3	5	4	4	2	4	2	-	-
3	-	-	3	3	6	4	4	4	2	-	-	1	8	4	5	1	1	-	-
3	2	4	3	2	6	2	1	4	2	3	4	7	3	4	5	1	1	-	2
1	-	3	1	-	1	-	1	-	-	-	-	-	1	3	1	1	-	-	-
-	-	1	-	1	-	1	1	-	-	2	-	-	4	3	1	-	-	1	-
-	-	-	1	-	1	2	2	2	1	3	1	3	3	1	-	-	1	-	-
1	-	1	-	1	2	-	1	1	-	2	4	1	1	2	3	2	-	1	-
-	1	-	6	4	4	2	-	2	2	1	1	2	3	-	4	1	-	-	1
1	1	3	2	2	-	3	2	3	-	3	2	1	1	2	3	2	-	3	3
1	-	1	4	3	2	3	1	2	3	3	1	2	1	3	1	-	-	1	2
4	-	2	1	1	2	1	2	2	2	-	1	-	3	1	-	1	1	2	1
-	-	-	2	-	-	-	-	2	1	1	2	3	2	1	4	4	-	-	-
-	-	1	2	2	-	1	1	-	2	2	-	6	3	1	2	-	2	-	-
-	-	1	-	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	-
-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	1	-	-	1	-	1	-	1	2	1	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	1	1	1	-	1	1	1	-	-
31	15	40	49	36	43	34	29	30	38	25	33	29	27	16	15	8	3	-	2
29	22	51	67	54	44	42	38	41	36	47	41	34	32	27	26	14	2	1	-
4	4	3	6	8	6	2	6	6	7	5	5	12	11	8	6	2	1	-	1
7	6	6	8	15	11	6	8	3	13	4	10	4	13	11	7	5	-	1	2
7	-	6	2	4	6	6	3	1	4	8	8	2	9	2	3	1	1	-	-
7	2	3	4	5	5	8	5	2	6	4	3	7	9	6	4	2	2	-	-
-	1	-	3	1	-	3	2	-	1	-	-	-	-	-	-	2	-	-	-
1	-	-	-	2	2	-	1	3	3	1	-	1	3	3	-	1	-	-	-
1	1	-	1	6	2	5	4	1	5	6	6	4	6	3	2	2	-	1	-
2	1	1	8	4	3	2	5	2	2	5	2	7	5	8	6	4	2	-	-
3	2	1	-	3	-	1	1	3	2	2	1	8	5	-	2	1	-	-	-
1	-	-	-	3	5	2	4	1	4	1	-	4	2	4	3	3	-	-	-
-	1	5	3	4	4	3	2	2	1	3	5	2	10	6	5	3	3	-	-
2	2	4	5	5	2	4	1	2	3	3	5	4	3	4	3	3	-	-	-
3	5	9	5	6	4	4	6	5	6	8	2	11	5	11	8	8	1	-	-
3	4	3	12	3	7	7	7	10	5	7	14	12	16	10	9	4	-	2	-
-	-	-	-	1	-	-	-	-	-	-	-	2	1	2	1	-	-	-	-
-	-	-	-	-	-	1	-	-	2	-	-	-	1	-	1	-	-	-	-
-	-	-	3	-	2	2	1	2	1	-	2	1	3	-	3	-	1	-	-
1	1	-	-	2	-	2	1	1	-	1	1	1	2	2	1	2	1	1	-
-	-	-	2	3	-	3	1	-	1	4	2	2	4	-	2	-	2	-	-
1	-	1	-	3	1	1	2	1	3	3	1	5	2	2	1	-	-	1	-
-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	1	-	-	-	-
1	2	3	1	1	-	2	-	-	-	-	1	1	1	1	-	1	-	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population — 1890.		Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.		Per ct. to Pop.	Persons.	Sex.					
Middlesex — Con.										
Shirley,	1,191	Ma.	1·93	23	9	1	1	-	-	-
		Fe.			14	1	-	2	-	1
Somerville,	40,152	Ma.	1·66	668	338	91	10	10	7	3
		Fe.			330	63	10	11	5	4
Stoneham,	6,155	Ma.	1·43	88	45	7	3	-	-	-
		Fe.			43	5	1	-	-	-
Stow,	903	Ma.	1·11	10	3	-	-	-	-	-
		Fe.			7	-	-	-	-	-
Sudbury,	1,197	Ma.	1·17	14	8	1	-	-	-	1
		Fe.			6	1	-	-	-	-
Tewksbury,	2,515	Ma.	2·19	55	25	2	1	2	2	1
		Fe.			30	3	1	2	1	1
State Almshouse,	-	Ma.	-	196	124	7	-	-	1	-
		Fe.			72	5	2	-	-	2
Townsend,	1,750	Ma.	2·11	37	18	-	1	-	-	-
		Fe.			19	2	-	-	-	-
Tyngsborough,	662	Ma.	2·27	15	6	2	-	-	-	-
		Fe.			9	-	-	-	-	-
Wakefield,	6,982	Ma.	1·66	116	57	13	1	1	1	-
		Fe.			59	12	2	1	-	2
Waltham,	18,707	Ma.	1·52	284	128	31	11	1	1	1
		Fe.			156	28	5	-	1	-
Watertown,	7,073	Ma.	1·67	118	50	13	1	1	-	1
		Fe.			68	15	2	-	2	2
Wayland,	2,060	Ma.	1·55	31	16	3	-	-	-	1
		Fe.			15	1	-	-	-	1
Westford,	2,250	Ma.	1·60	36	15	1	1	-	-	1
		Fe.			21	5	1	-	-	-
Weston,	1,664	Ma.	1·14	19	9	2	-	-	-	-
		Fe.			10	3	1	-	-	-
Wilmington,	1,213	Ma.	·91	11	4	2	-	-	-	-
		Fe.			7	3	-	-	-	-
Winchester,	4,861	Ma.	1·73	84	48	13	1	-	3	1
		Fe.			36	8	1	-	-	-
Woburn,	13,499	Ma.	1·64	222	123	31	6	1	-	1
		Fe.			99	14	3	2	1	-
Nantucket Co.,	3,268	Tot.	2·45	80	80	3	-	-	-	-
		Ma.			37	-	-	-	-	-
		Fe.			43	3	-	-	-	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	-	-	1	-	-	-	-	1	-	-	-	3	2	-	-	-	-
-	1	-	-	1	-	-	-	1	-	1	-	-	1	3	2	-	-	-	-
16	5	9	17	14	13	12	14	13	11	12	27	18	12	15	5	4	-	-	-
13	1	8	16	21	15	14	6	14	19	17	14	19	21	19	8	7	4	1	-
2	-	5	3	1	2	1	2	1	1	1	4	1	5	3	2	-	1	-	-
2	-	-	6	3	-	1	1	1	1	1	2	3	5	2	4	3	1	-	1
-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	-	-	-	1	-	-	-	2	-	1	1	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	1	1	-	-	-
-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	1	-	1	-
2	1	-	-	1	1	1	1	-	2	-	1	1	1	2	-	2	1	-	-
6	2	-	-	-	1	2	-	1	-	-	-	2	3	1	2	2	-	-	-
2	-	-	8	8	6	7	15	10	10	8	7	13	9	6	3	3	1	-	-
-	-	1	6	7	5	10	8	2	3	8	3	3	3	-	1	-	1	-	2
-	1	2	-	-	-	-	1	-	1	2	1	1	2	4	-	1	-	1	-
-	-	-	-	1	1	-	2	1	1	1	2	1	4	-	1	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	-
-	-	-	1	-	-	-	-	-	1	-	1	1	1	1	1	1	-	1	-
-	1	-	4	3	1	2	1	2	4	4	3	2	6	3	3	-	2	-	-
2	-	3	3	3	2	4	1	4	1	1	3	2	5	2	4	1	1	-	-
5	1	7	6	2	8	6	6	5	6	10	2	4	7	2	2	4	-	-	-
4	6	7	7	11	6	4	4	10	7	8	12	7	6	10	5	6	2	-	-
-	1	2	2	-	1	3	3	2	3	2	-	2	1	5	2	5	-	-	-
1	-	-	7	4	3	4	1	3	2	3	5	3	1	4	3	1	1	1	-
1	-	1	-	-	3	-	-	2	1	-	1	-	-	-	-	3	-	-	-
-	-	-	-	2	1	1	-	2	1	1	-	1	1	2	-	-	1	-	-
-	-	-	-	-	1	-	-	-	-	-	5	1	2	2	-	-	1	-	-
-	-	1	-	1	-	1	1	2	1	-	1	-	1	1	2	2	1	-	-
1	-	-	-	-	1	-	-	-	-	1	-	-	-	1	2	-	1	-	-
-	-	-	-	-	-	-	1	1	-	-	1	1	-	-	2	-	-	-	-
-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	1	-	-	-	-	-	1	1	-	1	-	-	-	-	-
2	1	2	-	2	1	2	1	3	-	1	4	3	2	2	3	-	1	-	-
1	-	1	1	4	2	2	2	1	1	-	3	2	-	4	2	1	-	-	-
5	2	4	3	9	3	3	5	6	1	3	5	5	13	6	7	3	-	1	-
2	1	4	6	5	4	5	6	6	2	3	6	4	9	7	8	1	-	-	-
-	-	3	2	1	3	-	1	2	4	5	4	10	9	6	13	10	3	1	-
-	-	3	1	-	2	-	-	-	1	2	4	3	7	2	9	2	1	-	-
-	-	-	1	1	1	-	1	2	3	3	-	7	2	4	4	8	2	1	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Norfolk Co.,	118,950	Tot.	1·65	1,968	1,968	396	79	41	24	25
		Ma.			1,022	220	49	28	9	16
		Fe.			946	176	30	13	15	9
Avon,	1,384	Ma.	1·23	17	15	2	1	-	1	-
		Fe.			2	-	-	-	-	-
Bellingham,	1,334	Ma.	1·42	19	12	2	-	-	-	-
		Fe.			7	-	-	-	-	-
Braintree,	4,848	Ma.	1·77	86	44	14	1	1	-	1
		Fe.			42	14	-	2	1	-
Brookline,	12,103	Ma.	1·17	142	75	12	6	2	2	-
		Fe.			67	13	4	2	1	1
Canton,	4,538	Ma.	1·43	65	29	3	3	-	-	1
		Fe.			36	4	1	-	-	-
Cohasset,	2,448	Ma.	1·71	42	15	1	-	1	-	-
		Fe.			27	5	-	-	-	-
Dedham,	7,123	Ma.	1·71	122	67	11	5	1	-	-
		Fe.			55	7	2	-	-	-
Dover,	727	Ma.	1·51	11	8	-	-	-	-	-
		Fe.			3	-	-	-	1	-
Foxborough,	2,933	Ma.	1·64	48	23	3	-	1	-	-
		Fe.			25	3	1	-	1	-
Franklin,	4,831	Ma.	1·64	79	44	10	2	1	-	-
		Fe.			35	7	1	-	-	-
Holbrook,	2,474	Ma.	1·50	37	15	4	-	1	-	-
		Fe.			22	4	1	-	-	1
Hyde Park,	10,193	Ma.	1·57	160	68	11	4	1	2	3
		Fe.			92	21	6	1	1	2
Medfield,	1,493	Ma.	1·41	21	8	1	-	-	-	-
		Fe.			13	1	-	-	-	-
Medway,	2,985	Ma.	1·68	50	28	4	1	1	-	3
		Fe.			22	3	1	-	-	-
Millis,	786	Ma.	1·78	14	3	-	-	-	-	-
		Fe.			11	3	-	-	-	-
Milton,	4,278	Ma.	1·40	60	29	5	-	1	-	-
		Fe.			31	5	-	1	-	-
Needham,	3,035	Ma.	1·58	48	29	7	-	-	-	-
		Fe.			19	4	-	-	-	1
Norfolk,	913	Ma.	1·64	15	7	1	1	-	-	-
		Fe.			8	1	-	-	-	-
Norwood,	3,733	Ma.	1·50	56	26	9	1	2	1	-
		Fe.			30	10	1	-	-	-
Quincy,	16,723	Ma.	2·12	355	184	65	13	7	1	3
		Fe.			171	37	7	7	7	2

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
53	33	48	88	95	91	58	70	66	74	83	91	112	109	126	112	62	20	5	7
23	12	28	45	52	38	27	40	27	38	50	46	59	61	76	41	26	5	-	6
30	21	20	43	43	53	31	30	39	36	33	45	53	48	50	71	36	15	5	1
-	-	-	3	-	2	-	2	-	-	-	2	1	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
-	-	-	-	1	-	-	-	-	-	-	3	1	-	3	-	2	-	-	-
1	-	-	-	-	-	-	-	1	-	-	-	2	1	-	2	-	-	-	-
1	-	2	3	-	-	1	4	1	2	1	1	-	1	5	3	2	-	-	-
2	1	-	1	1	2	2	1	1	1	2	2	-	-	4	3	1	1	-	-
3	1	-	2	4	3	2	2	1	3	5	5	3	7	4	2	2	-	-	4
-	1	-	4	7	6	4	1	1	2	-	1	2	1	6	5	2	2	-	1
-	-	1	2	4	4	-	1	-	1	-	-	4	2	1	1	1	-	-	-
3	-	3	3	1	1	3	2	5	-	2	2	1	1	1	2	-	1	-	-
-	-	1	-	2	1	-	3	-	-	-	-	-	2	2	-	-	2	-	-
1	1	1	1	1	-	-	1	3	1	1	-	2	3	2	1	2	1	-	-
1	2	1	2	6	3	3	4	1	4	1	2	4	5	6	3	1	-	-	1
2	1	2	3	2	2	1	2	3	5	2	1	4	5	2	5	1	3	-	-
-	1	-	1	-	2	1	-	1	-	-	-	-	-	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
1	1	-	-	3	1	-	1	1	1	-	-	4	3	2	-	1	-	-	-
1	1	-	1	1	1	-	3	-	1	-	2	1	1	-	3	4	-	-	-
1	1	3	3	1	1	1	1	-	1	4	2	1	3	6	1	1	-	-	-
2	1	-	2	2	3	3	-	-	-	3	5	1	2	1	2	-	-	-	-
-	-	1	1	1	-	-	-	-	-	1	-	1	2	-	3	-	-	-	-
2	-	-	-	-	-	1	-	2	-	1	-	1	3	1	3	-	1	1	-
3	-	4	6	1	4	4	3	2	5	5	-	3	3	3	1	-	-	-	-
4	7	2	3	7	4	1	3	3	3	1	2	3	5	2	7	4	-	-	-
1	-	-	-	-	-	1	-	1	-	1	2	-	-	-	1	-	-	-	-
-	-	1	-	-	1	-	-	1	-	-	-	1	1	-	7	-	-	-	-
2	-	1	1	-	2	-	-	1	3	-	4	-	1	1	2	1	-	-	-
-	-	1	2	1	-	-	-	-	1	1	-	3	1	3	1	3	1	-	-
-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	1	2	-	-	2	-	1	-	-	-	2	-	-	-	-
-	-	1	-	2	1	-	1	2	-	2	-	1	2	5	1	5	-	-	-
1	-	-	1	1	-	-	1	1	1	1	3	3	2	2	1	6	-	1	-
-	-	1	1	1	1	-	1	-	2	1	3	1	3	3	3	1	-	-	-
-	-	1	1	1	-	1	-	1	2	-	1	1	2	-	1	1	-	1	-
-	-	-	1	-	-	1	-	-	-	-	-	-	-	3	-	-	-	-	-
-	-	1	-	-	-	-	-	1	1	-	-	1	1	1	1	-	-	-	-
-	-	1	-	1	-	1	1	2	-	4	1	-	-	1	1	-	-	-	-
-	-	-	2	-	3	1	1	1	1	1	2	2	-	2	1	1	-	1	-
6	-	4	9	3	8	8	2	9	4	10	4	8	5	7	6	1	-	-	1
7	2	6	8	7	12	6	4	6	6	4	9	11	5	5	9	3	-	1	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Norfolk — Con.										
Randolph,	3,946	Ma.	2·58	102	66	15	3	1	1	3
		Fe.			36	5	2	-	1	1
Sharon,	1,634	Ma.	2·26	37	20	3	1	2	-	-
		Fe.			17	3	1	-	-	-
Stoughton,	4,852	Ma.	1·44	70	43	10	3	-	-	-
		Fe.			27	2	-	-	-	-
Walpole,	2,604	Ma.	1·57	41	23	3	-	1	-	-
		Fe.			18	4	-	-	1	1
Wellesley,	3,600	Ma.	1·44	52	19	1	1	-	-	-
		Fe.			33	5	1	-	-	-
Weymouth,	10,866	Ma.	1·74	189	107	21	3	3	1	2
		Fe.			82	13	1	-	1	-
Wrentham,	2,566	Ma.	1·17	30	15	2	-	1	-	-
		Fe.			15	2	-	-	-	-
Plymouth Co.,	92,700	Tot.	1·69	1,563	1,563	248	74	30	13	10
		Ma.			827	154	40	14	10	7
		Fe.			736	94	34	16	3	3
Abington,	4,260	Ma.	1·50	64	32	5	2	2	-	-
		Fe.			32	1	1	-	-	-
Bridgewater,	4,249	Ma.	2·42	103	78	4	-	-	1	-
		Fe			25	3	1	1	1	-
Brockton,	27,294	Ma.	1·63	444	229	68	25	6	7	5
		Fe.			215	44	21	11	1	1
Carver,	994	Ma.	2·92	29	17	1	-	-	-	1
		Fe.			12	-	-	-	-	-
Duxbury,	1,908	Ma.	2·31	44	23	3	-	-	1	-
		Fe.			21	2	-	1	-	-
East Bridgewater,	2,911	Ma.	1·75	51	26	3	-	-	-	-
		Fe.			25	1	-	-	-	-
Halifax,	562	Ma.	1·96	11	8	1	-	-	-	-
		Fe.			3	-	-	-	-	-
Hanover,	2,093	Ma.	1·77	37	14	1	1	1	-	-
		Fe.			23	2	-	-	1	-
Hanson,	1,267	Ma.	1·89	24	10	1	-	-	-	-
		Fe.			14	1	-	-	-	-
Hingham,	4,564	Ma.	1·95	89	44	7	2	1	1	-
		Fe.			45	4	-	-	-	-
Hull,	989	Ma.	1·21	12	8	1	1	-	-	-
		Fe.			4	1	-	-	-	-
Kingston,	1,659	Ma.	1·33	22	8	3	-	-	-	-
		Fe.			14	3	-	-	-	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
2	1	2	3	4	2	1	4	–	3	3	3	4	4	4	2	1	–	–	–
1	2	2	3	1	2	1	–	1	3	2	2	–	1	4	2	–	–	–	–
–	1	–	–	1	–	–	1	–	–	2	1	3	1	1	1	1	1	–	–
–	–	–	1	1	2	–	2	–	1	–	–	1	–	–	3	1	1	–	–
–	–	–	2	5	–	1	2	1	1	2	3	4	2	2	4	–	1	–	–
1	–	–	2	2	1	–	1	1	2	3	2	3	1	1	2	1	2	–	–
–	1	1	1	3	–	–	3	–	1	–	1	2	2	4	–	–	–	–	–
–	1	–	1	1	1	2	1	1	–	–	–	1	1	2	–	–	–	–	–
–	–	1	1	3	1	1	2	1	–	3	–	3	–	1	–	–	–	–	–
–	–	–	–	–	5	1	4	4	–	2	2	3	3	1	1	1	–	–	–
2	3	3	2	5	2	1	2	2	5	3	9	9	13	8	5	3	–	–	–
–	2	–	4	4	6	2	3	2	3	7	5	4	6	9	5	4	1	–	–
–	–	–	1	–	–	–	–	–	2	2	–	2	–	2	–	2	1	–	–
2	1	–	–	2	–	–	–	–	–	–	2	2	1	1	1	–	1	–	–
38	22	43	55	55	53	47	46	63	63	61	72	104	119	131	105	70	37	3	1
18	10	22	23	27	31	30	23	31	31	29	36	67	69	68	43	31	11	2	–
20	12	21	32	28	22	17	23	32	32	32	36	37	50	63	62	39	26	1	1
–	–	2	–	2	3	1	–	1	1	1	2	6	3	–	–	1	–	–	–
–	–	–	1	2	3	2	1	2	2	1	1	–	7	3	5	–	–	–	–
–	–	2	2	4	6	3	5	12	8	1	3	6	9	7	1	2	2	–	–
–	–	–	1	–	1	–	3	1	2	–	1	4	–	1	3	–	2	–	–
9	1	2	9	9	13	9	4	7	6	8	6	9	13	7	2	4	–	–	–
11	7	10	11	11	4	6	5	10	11	5	7	8	10	5	7	6	3	–	–
1	1	2	–	–	2	–	–	–	1	1	1	1	–	2	3	–	–	–	–
–	1	–	–	1	–	–	–	1	1	1	2	–	–	1	2	1	1	–	–
–	–	–	–	–	1	–	1	–	1	–	1	6	2	3	2	2	–	–	–
–	1	–	–	–	4	–	–	–	1	–	–	–	–	4	4	2	2	–	–
1	–	–	–	–	1	–	1	–	2	2	1	1	3	3	2	5	1	–	–
–	–	–	1	3	1	1	–	3	–	2	3	1	1	4	1	1	2	–	–
–	–	–	–	–	–	–	–	–	–	–	–	1	1	3	–	1	1	–	–
–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	–	–	–	–
–	1	–	1	–	–	–	–	–	–	1	–	–	2	2	4	–	–	–	–
–	–	–	1	1	–	–	1	–	1	1	4	1	3	3	1	2	–	–	1
1	–	–	–	–	–	1	1	1	2	–	–	–	1	–	1	1	–	–	–
–	–	1	2	–	–	–	–	–	–	4	–	–	2	2	–	–	2	–	–
1	1	2	1	1	–	4	–	2	–	2	2	4	4	5	3	1	–	–	–
2	–	1	4	–	2	2	–	1	1	1	2	3	4	8	7	2	1	–	–
–	–	–	–	1	1	1	2	1	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	1	–	–	1	–	–	–	1	–	–	–	–	–
–	–	–	–	–	–	–	–	–	1	–	–	1	–	1	1	1	–	–	–
–	–	–	–	1	–	–	–	–	–	1	–	–	2	1	4	2	–	–	–

TABLE VIII. — Continued.

Counties and Towns.	Population — 1890.		Deaths.			Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
	Persons.		Per ct. to Pop.	Persons.	Sex.					
Plymouth — Con.										
Lakeville,	935	Ma.	1·39	13	6	-	-	-	-	-
		Fe.			7	-	1	-	-	-
Marion,	871	Ma.	2·18	19	9	-	-	-	-	-
		Fe.			10	-	-	-	-	-
Marshfield,	1,713	Ma.	1·63	28	13	-	-	-	-	-
		Fe.			15	1	-	-	-	-
Mattapoisett,	1,148	Ma.	2·26	26	19	1	-	-	-	-
		Fe.			7	1	-	-	-	-
Middleborough,	6,065	Ma.	1·60	97	54	14	1	-	-	-
		Fe.			43	3	3	-	-	-
Norwell,	1,635	Ma.	1·47	24	10	2	-	-	-	-
		Fe.			14	1	-	-	-	-
Pembroke,	1,320	Ma.	1·52	20	10	1	-	-	-	-
		Fe.			10	-	1	-	-	-
Plymouth,	7,314	Ma.	1·93	141	74	14	4	-	-	-
		Fe.			67	6	1	2	-	1
Plympton,	597	Ma.	2·18	13	8	1	-	-	-	-
		Fe.			5	-	-	-	-	-
Rochester,	1,012	Ma.	1·88	19	10	1	-	-	-	-
		Fe.			9	1	-	-	-	1
Rockland,	5,213	Ma.	1·30	68	36	7	2	3	-	-
		Fe.			32	7	2	-	-	-
Scituate,	2,318	Ma.	1·81	42	18	4	-	-	-	-
		Fe.			24	4	-	-	-	-
Wareham,	3,451	Ma.	1·51	52	25	4	-	1	-	-
		Fe.			27	5	-	-	-	-
West Bridgewater,	1,917	Ma.	·78	15	10	1	2	-	-	-
		Fe.			5	-	-	-	-	-
Whitman,	4,441	Ma.	1·26	56	28	6	-	-	-	1
		Fe.			28	3	3	1	-	-
Suffolk Co.,	484,780	Tot.	2·23	10,819	10,819	2,415	585	263	153	126
		Ma.			5,443	1,321	304	124	80	62
		Fe.			5,376	1,094	281	139	73	64
Boston,	448,477	Ma.	2·26	10,126	5,094	1,250	289	119	78	59
		Fe.			5,032	1,021	266	132	70	63
Chelsea,	27,909	Ma.	2·04	568	287	49	12	5	2	3
		Fe.			281	54	9	7	2	1
Revere,	5,668	Ma.	1·39	79	38	11	3	-	-	-
		Fe.			41	12	3	-	-	-
Winthrop,	2,726	Ma.	1·69	46	24	11	-	-	-	-
		Fe.			22	7	3	-	1	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	-	-	-	1	-	-	1	-	-	-	2	-	-	1	1	-	-
1	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-	1	1	-	-
-	1	-	-	1	-	-	-	-	1	-	2	-	3	-	-	1	-	-	-
-	-	-	-	-	-	-	-	2	-	1	1	1	2	2	-	1	-	-	-
-	-	1	-	1	-	-	-	1	2	-	1	2	1	1	3	-	-	-	-
-	1	1	-	-	1	-	-	2	1	-	-	1	1	4	-	1	1	-	-
1	-	-	1	-	-	-	1	-	1	2	1	1	2	2	3	1	2	-	-
-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	3	-	1	-	-
1	-	1	1	-	1	3	3	-	-	3	4	5	3	7	5	2	-	-	-
3	-	1	1	2	3	1	-	1	2	1	3	1	3	4	4	6	1	-	-
-	-	2	-	-	-	-	-	-	-	-	1	-	2	2	-	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	1	1	3	2	3	3	-	-	-
-	-	-	-	1	-	-	-	1	-	-	-	-	-	5	2	-	-	-	-
-	-	-	-	-	-	-	1	1	-	2	-	2	-	1	1	1	-	-	-
1	3	-	1	1	1	5	3	3	1	4	1	11	8	6	4	2	1	-	-
1	2	1	5	3	2	3	1	1	4	2	4	5	5	7	7	-	3	1	-
-	-	-	1	1	-	-	-	-	1	-	1	-	1	-	-	1	1	-	-
-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	2	-	-
1	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	3	2	-	-
-	-	1	-	-	-	-	-	1	-	1	-	-	-	2	-	1	1	-	-
1	-	2	1	1	-	1	1	1	1	2	3	4	1	3	2	-	-	-	-
-	-	2	1	2	-	1	2	-	1	3	2	1	1	1	4	-	2	-	-
-	1	2	1	-	-	-	-	-	-	2	-	1	1	3	2	-	-	1	-
1	-	1	1	-	-	-	1	1	1	1	2	4	-	1	2	3	1	-	-
-	-	-	1	1	-	1	1	-	-	-	2	5	4	3	1	1	-	-	-
1	-	1	1	-	1	-	1	1	1	2	2	1	2	4	2	2	-	-	-
-	-	1	1	1	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	2	-	-	-
-	1	3	2	2	2	-	-	1	-	-	3	1	3	1	1	1	-	-	-
-	-	-	2	2	-	1	4	1	2	1	-	2	3	-	2	1	-	-	-
305	149	319	520	596	579	551	544	536	515	429	500	506	426	332	249	138	55	18	10
149	75	152	262	307	297	274	275	287	262	225	234	239	200	145	110	41	12	4	2
156	74	167	258	289	282	277	269	249	253	204	266	267	226	187	139	97	43	14	8
141	67	144	248	293	285	267	258	267	243	205	208	215	180	125	100	36	11	4	2
145	69	160	236	274	269	252	250	234	234	196	248	250	208	173	132	90	40	12	8
7	7	7	11	12	9	6	11	18	17	19	24	21	17	16	10	3	1	-	-
10	3	5	20	15	9	21	14	14	15	7	17	13	15	13	6	6	3	2	-
1	1	1	2	1	2	-	5	2	1	1	-	2	2	2	-	1	-	-	-
-	2	2	2	-	2	3	3	-	3	1	1	4	3	-	-	-	-	-	-
-	-	-	1	1	1	1	1	-	1	-	2	1	1	2	-	1	-	-	-
1	-	-	-	-	2	1	2	1	1	-	-	-	-	1	1	1	-	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Worcester Co.,	280,787	Tot.	1·78	4,989	4,989	1,086	239	111	79	48
		Ma.			2,524	603	125	51	37	21
		Fe.			2,465	483	114	60	42	27
Ashburnham,	2,074	Ma.	1·98	41	26	1	1	2	-	-
		Fe.			15	1	-	1	-	-
Athol,	6,319	Ma.	1·58	100	56	5	3	-	-	1
		Fe.			44	9	1	-	1	1
Auburn,	1,532	Ma.	1·96	30	18	10	1	1	-	-
		Fe.			12	6	1	-	-	-
Barre,	2,239	Ma.	1·65	37	19	1	2	1	-	-
		Fe.			18	1	-	-	-	-
Berlin,	884	Ma.	1·92	17	3	-	-	-	-	-
		Fe.			14	1	1	1	-	-
Blackstone,	6,138	Ma.	2·09	128	68	17	6	2	1	1
		Fe.			60	10	3	2	1	1
Bolton,	827	Ma.	1·57	13	4	-	1	-	-	-
		Fe.			9	-	-	1	-	-
Boylston,	770	Ma.	2·34	18	9	1	1	1	-	-
		Fe.			9	2	1	-	1	-
Brookfield,	3,352	Ma.	1·34	45	19	6	1	-	-	-
		Fe.			26	1	1	-	-	-
Charlton,	1,847	Ma.	1·14	21	10	3	-	1	-	-
		Fe.			11	2	1	1	-	-
Clinton,	10,424	Ma.	1·51	158	80	27	-	2	1	2
		Fe.			78	18	3	2	2	2
Dana,	700	Ma.	1·56	11	1	-	-	-	-	-
		Fe.			10	-	-	-	-	-
Douglas,	1,908	Ma.	2·57	49	23	2	-	-	-	-
		Fe.			26	3	1	-	2	-
Dudley,	2,944	Ma.	2·11	62	29	13	2	-	1	1
		Fe.			33	9	1	2	-	-
Fitchburg,	22,037	Ma.	1·47	323	148	43	10	5	-	-
		Fe.			175	34	15	2	6	-
Gardner,	8,424	Ma.	2·09	176	93	25	6	2	3	3
		Fe.			83	18	9	4	2	3
Grafton,	5,002	Ma.	2·18	109	51	8	3	3	-	-
		Fe.			58	14	1	-	-	1
Hardwick,	2,922	Ma.	1·75	51	21	5	-	-	-	1
		Fe.			30	7	1	-	-	2
Harvard,	1,095	Ma.	1·64	18	9	-	-	-	-	-
		Fe.			9	-	-	-	-	-
Holden,	2,623	Ma.	1·68	44	26	5	-	-	-	1
		Fe.			18	-	1	1	-	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
149	80	153	245	186	213	178	156	171	201	195	249	272	288	272	227	108	52	22	9
74	36	65	132	84	111	85	69	83	99	95	143	157	146	152	91	42	12	4	7
75	44	88	113	102	102	93	87	88	102	100	106	115	142	120	136	66	40	18	2
-	-	2	1	-	-	1	-	2	3	1	1	-	3	5	2	-	1	-	-
-	-	1	1	2	-	1	1	1	-	-	-	2	2	1	1	-	-	-	-
-	-	2	3	3	6	1	3	4	2	2	7	2	3	3	3	3	-	-	-
-	-	4	2	1	1	3	2	2	1	3	1	2	3	1	3	3	-	-	-
-	-	1	-	-	1	-	-	-	1	-	-	2	1	-	-	-	-	-	-
1	-	-	1	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-
-	1	2	1	1	3	-	-	-	-	2	2	-	1	1	-	-	1	-	-
-	-	-	-	-	2	-	-	-	-	1	1	3	2	4	2	1	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-
-	-	-	-	-	-	-	1	2	-	-	-	2	4	-	1	1	-	-	-
4	2	3	5	1	3	4	1	5	2	-	3	2	4	-	-	2	-	-	-
6	2	3	1	-	-	2	-	1	6	3	2	4	5	1	3	2	2	-	-
-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	1	-	-	-	-	-	-	1	1	-	-	1	1	3	-	-	-
-	1	-	1	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-	-
-	-	1	-	-	-	1	-	-	-	1	1	-	-	-	1	-	-	-	-
-	-	-	1	-	-	-	1	1	1	1	1	-	2	1	2	-	1	-	-
1	-	-	-	2	2	1	1	1	4	1	1	2	2	2	3	-	-	1	-
-	-	-	-	-	-	-	1	-	-	-	-	1	1	2	1	-	-	-	-
-	-	-	-	-	1	-	-	1	1	1	-	-	1	1	-	1	-	-	-
2	2	2	7	3	1	3	2	2	6	4	5	4	1	1	2	1	-	-	-
-	3	3	3	3	7	2	2	3	3	4	7	-	4	2	3	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	2	-	1	-	1	-	-	-	-	1	2	3	-	-	-
-	-	-	1	1	-	-	1	-	2	3	2	3	1	4	2	1	-	-	-
1	1	-	1	1	1	1	-	1	1	1	1	2	1	1	3	3	-	-	-
-	-	1	-	1	-	1	1	-	1	2	-	-	1	3	1	-	-	-	-
2	-	2	1	1	1	1	-	-	4	1	3	-	-	4	-	1	-	-	-
5	2	4	5	7	4	4	3	3	8	5	7	7	10	10	4	1	-	1	-
6	8	9	6	12	10	9	3	5	5	8	8	8	10	2	4	3	1	1	-
5	1	3	5	3	3	1	1	3	8	6	1	3	4	2	4	-	1	-	-
2	2	4	2	2	4	1	2	7	2	3	1	3	4	8	-	1	-	-	-
2	-	5	1	2	-	2	2	3	3	3	1	-	5	2	3	1	-	-	2
2	1	2	3	2	6	4	3	-	-	1	2	3	3	1	8	1	-	-	-
1	-	1	3	2	-	-	-	-	-	-	-	3	-	2	1	-	-	1	1
1	-	-	1	5	1	3	-	-	1	2	-	1	1	-	2	1	1	-	-
-	-	-	1	-	-	-	-	1	-	-	-	2	1	1	1	-	2	-	-
-	-	-	-	-	-	-	-	1	1	1	2	-	-	1	-	1	1	-	1
1	1	-	2	-	2	-	1	2	1	1	3	2	1	1	2	-	-	-	-
2	-	-	-	-	1	-	-	1	2	1	1	2	2	2	1	1	-	-	-

TABLE VIII. — Continued.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Worcester — Con.										
Hopedale,	1,176	Ma.	1·53	18	14	4	-	-	-	-
		Fe.			4	1	-	-	-	-
Hubbardston,	1,346	Ma.	2·15	29	12	3	1	-	-	-
		Fe.			17	-	2	-	-	-
Lancaster,	2,201	Ma.	1·86	41	19	5	1	1	-	-
		Fe.			22	5	-	1	-	-
Leicester,	3,120	Ma.	·96	30	21	5	1	-	-	-
		Fe.			9	-	1	1	-	-
Leominster,	7,269	Ma.	1·44	105	51	12	-	1	-	-
		Fe.			54	8	1	1	1	-
Lunenburg,	1,146	Ma.	2·18	25	9	-	-	-	-	-
		Fe.			16	1	-	-	-	-
Mendon,	919	Ma.	1·74	16	6	-	-	-	-	-
		Fe.			10	-	-	-	-	-
Milford,	8,780	Ma.	1·81	159	86	13	2	1	-	1
		Fe.			73	11	8	-	-	1
Millbury,	4,428	Ma.	1·67	74	39	13	2	-	-	-
		Fe.			35	7	1	3	-	-
New Braintree,	573	Ma.	1·75	10	3	-	-	-	-	-
		Fe.			7	-	-	-	-	-
Northborough,	1,952	Ma.	1·64	32	14	4	1	-	1	-
		Fe.			18	2	1	-	-	-
Northbridge,	4,603	Ma.	1·93	89	43	11	1	-	3	-
		Fe.			46	14	1	1	2	1
North Brookfield,	3,871	Ma.	1·50	58	32	5	2	2	-	-
		Fe.			26	4	1	1	2	1
Oakham,	738	Ma.	2·17	16	5	1	-	-	-	-
		Fe.			11	1	-	-	-	-
Oxford,	2,616	Ma.	2·06	54	22	2	1	-	-	1
		Fe.			32	5	2	1	-	1
Paxton,	445	Ma.	2·02	9	5	1	-	-	-	-
		Fe.			4	-	-	-	-	-
Petersham,	1,050	Ma.	1·90	20	11	2	-	-	-	-
		Fe.			9	-	-	-	-	-
Phillipston,	502	Ma.	1·79	9	4	-	-	-	-	-
		Fe.			5	-	-	-	-	1
Princeton,	982	Ma.	1·53	15	8	-	-	-	-	-
		Fe.			7	1	1	-	-	-
Royalston,	1,030	Ma.	2·04	21	9	2	-	-	-	-
		Fe.			12	2	-	-	-	-
Rutland,	980	Ma.	1·73	17	10	2	1	-	1	-
		Fe.			7	-	-	-	-	-

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	2	1	1	2	-	-	-	-	-	2	-	-	1	1	-	-	-
-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
-	-	-	-	-	1	-	-	1	-	-	1	-	1	2	2	-	-	-	-
2	-	1	-	1	-	1	2	-	-	-	1	-	-	1	3	-	1	2	-
-	1	-	-	1	-	2	-	1	1	2	-	1	1	1	-	1	-	-	-
-	-	2	1	1	-	-	-	1	-	-	-	1	2	3	2	1	1	1	-
-	-	1	2	1	1	1	-	-	1	3	2	1	1	-	1	-	-	-	-
1	-	-	1	-	1	-	-	-	-	-	-	1	1	1	1	-	-	-	-
-	1	3	1	1	1	1	1	-	1	4	4	5	6	3	4	1	-	1	-
1	1	1	4	2	2	1	3	4	3	3	2	3	3	1	4	3	2	-	-
1	-	-	-	-	-	-	-	-	-	-	1	-	1	1	5	-	-	-	-
1	-	-	1	-	-	-	-	1	-	2	-	1	-	2	6	-	1	-	-
-	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	-	-
1	-	-	-	-	-	1	1	1	-	-	2	-	1	2	-	1	-	-	-
2	2	3	11	4	4	3	1	3	3	3	6	7	6	7	3	1	-	-	-
-	-	5	7	6	3	1	1	-	2	3	2	3	7	4	5	1	2	1	-
2	1	1	-	-	2	2	-	-	1	1	4	2	3	2	3	-	-	-	-
1	-	1	1	2	1	1	2	1	2	1	1	1	1	3	4	-	1	-	-
-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-
-	-	-	1	1	-	-	1	1	-	-	1	-	2	-	-	-	-	-	-
-	-	1	-	-	-	-	-	-	1	-	-	1	2	3	-	-	-	-	-
-	-	1	1	-	1	1	1	2	1	1	-	2	3	-	-	-	1	-	-
-	-	2	2	4	2	-	-	-	1	3	2	2	3	3	2	-	-	-	2
3	1	3	4	-	2	3	3	-	1	2	1	-	2	2	-	-	-	-	-
1	1	1	2	-	4	1	-	-	2	-	1	1	2	2	1	3	1	-	-
1	1	1	2	-	-	-	-	3	1	-	-	1	1	1	2	1	2	-	-
-	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-
-	-	-	2	-	-	-	-	-	1	1	-	1	1	1	2	-	1	-	-
2	-	-	2	1	1	-	-	-	1	1	3	1	1	3	2	-	-	-	-
-	-	-	2	1	1	1	1	-	2	2	-	1	3	3	2	-	2	2	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	-	1	-
-	-	-	-	-	1	-	-	-	-	-	2	1	-	-	2	2	-	1	-
-	-	1	-	-	-	-	-	-	-	-	2	2	2	-	2	-	-	-	-
-	1	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	1	-	-	-	-
-	-	-	-	-	1	-	-	1	1	-	1	2	-	2	-	-	-	-	-
-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	1	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	1	-	-	-	-
-	-	-	-	2	-	-	-	-	1	-	-	1	1	1	4	-	-	-	-
-	-	-	1	-	-	-	-	1	-	1	1	-	2	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	2	2	-	-	-	-	1	-	1	-	-

TABLE VIII. — Concluded.

Counties and Towns.	Population—1890. Persons.		Deaths. Per ct. to Pop.	Deaths. Persons.	Deaths. Sex.	Und. 1	1 to 2	2 to 3	3 to 4	4 to 5
Worcester — Con.										
Shrewsbury,	1,449	Ma.	2·00	29	12	2	-	-	-	-
		Fe.			17	-	-	-	-	-
Southborough,	2,114	Ma.	1·47	31	16	3	1	-	-	-
		Fe.			15	2	-	1	-	-
Southbridge,	7,655	Ma.	1·91	146	81	23	7	-	4	-
		Fe.			65	11	3	2	2	1
Spencer,	8,747	Ma.	1·54	135	69	19	4	3	2	1
		Fe.			66	17	3	1	2	-
Sterling,	1,244	Ma.	2·73	34	18	1	-	-	-	-
		Fe.			16	-	-	1	1	-
Sturbridge,	2,074	Ma.	1·11	23	15	5	1	-	-	-
		Fe.			8	-	-	1	-	-
Sutton,	3,180	Ma.	2·10	67	36	10	1	1	2	2
		Fe.			31	5	1	2	1	1
Templeton,	2,999	Ma.	1·50	45	24	6	2	1	-	-
		Fe.			21	6	-	-	-	-
Upton,	1,878	Ma.	1·97	37	20	2	-	-	-	-
		Fe.			17	1	-	-	-	-
Uxbridge,	3,408	Ma.	2·17	74	33	4	3	1	1	-
		Fe.			41	9	2	1	2	-
Warren,	4,681	Ma.	1·79	84	46	19	1	1	-	-
		Fe.			38	13	1	-	-	-
Webster,	7,031	Ma.	2·29	161	79	26	4	1	3	2
		Fe.			82	24	3	4	2	2
Westborough,	5,195	Ma.	2·50	130	74	9	-	-	1	-
		Fe.			56	6	3	-	-	1
West Boylston,	3,019	Ma.	1·76	53	23	4	4	-	-	-
		Fe.			30	7	1	1	1	-
West Brookfield,	1,592	Ma.	2·20	35	18	1	-	-	-	-
		Fe.			17	-	-	-	1	1
Westminster,	1,688	Ma.	2·13	36	18	4	1	-	-	-
		Fe.			18	4	-	1	1	-
Winchendon,	4,390	Ma.	1·73	76	39	9	3	-	-	-
		Fe.			37	3	-	1	1	-
Worcester,	84,655	Ma.	1 77	1,495	767	199	43	18	13	4
		Fe.			728	177	37	18	8	6

Age and Sex, by Towns.

5 to 10	10 to 15	15 to 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 to 80	80 to 85	85 to 90	90 to 95	95 & over.	Unknown.
-	-	-	-	-	1	-	1	-	-	-	2	2	1	-	-	2	1	-	-
2	-	2	2	-	-	-	1	1	1	-	1	1	-	-	4	2	-	-	-
-	-	-	2	-	2	-	-	1	-	1	-	4	1	-	1	-	-	-	-
-	-	-	-	1	2	-	1	1	1	2	-	-	1	2	1	-	-	-	-
4	1	2	6	4	1	3	-	4	2	-	5	6	2	3	2	2	-	-	-
4	1	6	2	3	1	-	3	1	2	2	2	2	6	1	4	2	2	1	1
3	2	1	2	3	2	1	2	-	2	1	6	3	2	8	1	1	-	-	-
4	1	1	4	4	-	3	4	5	1	3	1	1	4	1	1	2	2	1	-
-	-	-	1	-	2	-	-	-	-	-	1	3	3	3	2	1	1	-	-
1	-	-	1	1	-	-	1	1	-	1	-	1	2	2	1	1	1	-	-
1	-	-	1	1	-	-	-	1	-	1	1	-	1	1	-	1	-	-	-
1	-	-	-	-	1	1	-	-	-	1	-	1	2	-	-	-	-	-	-
1	1	1	2	2	1	-	1	-	2	-	-	3	2	2	1	1	-	-	-
2	2	2	-	-	1	1	-	1	1	-	-	1	1	2	4	2	1	-	-
2	-	1	1	1	-	-	2	-	-	-	-	3	1	2	-	1	1	-	-
2	-	-	-	-	2	2	-	-	-	2	3	1	2	-	-	-	1	-	-
1	-	-	1	-	-	-	-	-	1	1	2	1	3	5	3	-	-	-	-
-	-	-	2	-	1	1	-	1	-	2	1	-	1	3	3	1	-	-	-
-	2	-	2	2	-	2	2	-	2	1	-	4	1	4	1	1	-	-	-
1	2	2	-	1	3	-	2	2	1	1	4	4	-	1	1	2	-	-	-
2	1	-	3	-	1	2	1	1	1	1	2	-	5	3	1	1	-	-	-
1	-	1	2	1	-	2	-	-	-	2	1	1	2	3	4	2	1	1	-
3	-	1	4	3	3	1	5	2	3	1	4	3	5	1	1	1	-	-	2
3	1	3	4	3	3	4	1	2	6	3	2	3	2	1	2	2	2	-	-
5	1	3	2	4	5	4	1	3	3	4	7	9	3	6	2	2	-	-	-
1	1	-	3	4	3	3	5	5	3	1	2	2	2	5	2	4	-	-	-
-	1	1	-	-	1	1	1	1	1	-	3	1	2	2	-	-	-	-	-
1	1	2	1	-	3	2	-	-	1	1	2	1	1	2	1	-	1	-	-
-	-	-	2	2	1	-	1	-	1	2	2	1	3	2	-	-	-	-	-
-	-	1	2	1	-	1	-	1	2	1	1	1	1	-	2	1	-	-	-
2	-	1	1	-	1	2	1	-	-	-	1	-	2	2	-	-	-	-	-
-	-	1	-	-	1	1	1	-	-	2	2	-	2	-	1	1	-	-	-
2	1	2	1	2	2	2	1	-	1	1	3	-	3	2	-	4	-	-	-
2	1	1	3	2	3	1	2	-	2	4	2	3	1	2	2	1	-	-	-
20	9	14	40	23	41	36	31	36	29	32	41	50	31	32	20	3	2	-	-
14	14	21	37	31	28	32	35	27	32	21	37	40	35	34	24	8	8	4	-

TABLE IX. — CAUSES OF

Distinguishing by Months, by Age, and by Sex, the Registered
arranged), during

CAUSES OF DEATH.	DEATHS. Sex.	DEATHS. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
ALL CAUSES,	Totals,	43,528	5,300	3,273	3,583	3,437	3,249	2,840	3,962	4,545	3,615
	Males,	21,767	2,587	1,574	1,811	1,736	1,616	1,423	2,011	2,331	1,848
	Females,	21,761	2,713	1,699	1,772	1,701	1,633	1,417	1,951	2,214	1,767
ZYMOTIC DISEASES,	Totals,	8,079	–	–	–	–	–	–	–	–	–
	Males,	4,125	344	246	233	205	205	194	616	876	503
	Females,	3,954	404	234	221	205	187	169	594	771	465
I. 1. *Miasmatic*,	Totals,	7,637	–	–	–	–	–	–	–	–	–
	Males,	3,873	325	218	211	179	185	181	593	852	482
	Females,	3,764	387	224	195	191	167	161	576	746	455
1. Small-pox,	Females,	1	–	–	–	–	–	1	–	–	–
2. Measles,	Totals,	114	–	–	–	–	–	–	–	–	–
	Males,	56	2	3	3	3	4	11	6	4	6
	Females,	58	5	3	4	7	9	6	9	4	2
3. Scarlatina,	Totals,	196	–	–	–	–	–	–	–	–	–
	Males,	100	12	7	16	6	14	4	4	7	6
	Females,	96	12	7	8	11	10	4	7	6	3
4. Diphtheria,	Totals,	1,239	–	–	–	–	–	–	–	–	–
	Males,	595	75	77	63	69	70	44	40	19	28
	Females,	644	93	76	61	54	64	35	34	32	32
5. Cerebro Sp.M'gitis,	Totals,	157	–	–	–	–	–	–	–	–	–
	Males,	85	5	7	6	6	7	7	11	9	6
	Females,	72	7	6	4	8	4	11	4	4	9
6. Quinsy, etc., —											
—Parotitis,	Totals,	3	–	–	–	–	–	–	–	–	–
	Males,	1	–	–	–	–	–	–	1	–	–
	Females,	2	1	–	–	1	–	–	–	–	–
—Quinsy,	Totals,	19	–	–	–	–	–	–	–	–	–
	Males,	8	1	–	2	1	1	2	–	–	1
	Females,	11	3	–	2	–	1	–	1	–	–
7. Croup,	Totals,	387	–	–	–	–	–	–	–	–	–
	Males,	201	24	21	21	7	14	12	11	14	12
	Females,	186	25	16	26	18	11	10	6	9	10
8. Whooping-cough,	Totals,	363	–	–	–	–	–	–	–	–	–
	Males,	174	20	19	14	7	8	12	24	36	18
	Females,	189	27	19	18	12	10	7	19	31	17
9. Typhoid Fever,	Totals,	835	–	–	–	–	–	–	–	–	–
	Males,	456	29	23	26	24	17	27	23	42	63
	Females,	379	21	18	17	19	15	20	17	27	70
10. Erysipelas,	Totals,	174	–	–	–	–	–	–	–	–	–
	Males,	83	11	–	13	9	13	6	8	5	1
	Females,	91	11	9	8	12	4	10	7	6	5
11. Puerperal Fever,	Females,	63	8	6	6	8	5	5	6	4	3

DEATH. — Nosological Arrangement.

Number of Deaths from various Specified Causes (Nosologically the Year 1890.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
3,223	3,021	3,480	9,625	2,142	989	649	465	1,282	697	1,361	3,931	3,552	3,396	3,642	4,286	4,247	3,115	149
1,601	1,496	1,733	5,319	1,085	490	333	226	631	326	630	1,917	1,742	1,647	1,815	2,161	2,110	1,237	98
1,622	1,525	1,747	4,306	1,057	499	316	239	651	371	731	2,014	1,810	1,749	1,827	2,125	2,137	1,878	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
282	208	213	1,693	417	196	163	118	287	98	121	269	192	129	107	138	122	70	5
269	215	220	1,416	392	204	169	132	319	116	133	254	176	136	123	136	138	106	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
259	189	199	1,640	411	190	159	115	280	96	115	243	141	98	84	122	106	69	4
256	193	213	1,393	388	200	166	129	312	113	130	217	133	114	110	126	128	102	3
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	4	9	15	20	9	2	4	2	-	1	1	1	-	1	-	-	-	-
2	3	4	13	19	5	3	3	4	1	2	2	2	1	2	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	5	11	7	14	10	13	14	23	10	7	2	-	-	-	-	-	-	-
7	12	9	7	13	15	15	9	23	6	4	4	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	34	39	23	76	80	84	60	182	44	13	21	3	7	2	-	-	-	-
50	49	64	19	69	87	78	84	203	58	16	14	5	5	3	1	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	8	8	30	10	6	9	-	7	8	5	4	2	2	-	1	1	-	-
4	4	7	15	9	3	7	-	12	3	3	6	3	4	3	3	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	3	1	1	1	-	1	-	1	-	-	-	-	-	-	-	-
-	2	2	-	-	-	1	-	1	1	1	-	2	1	2	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	21	28	33	45	34	31	28	26	2	-	-	1	-	-	1	-	-	-
17	15	23	28	43	36	29	16	32	1	1	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	5	5	117	31	13	6	1	5	-	-	1	-	-	-	-	-	-	-
8	12	9	107	33	22	16	6	5	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	54	57	2	3	2	1	5	10	22	65	179	92	31	19	12	10	3	-
49	56	50	2	1	2	5	4	20	33	81	100	42	32	14	22	9	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	9	6	21	2	-	2	-	-	-	2	6	7	11	14	10	4	4	-
7	5	7	19	1	1	1	-	-	2	3	7	5	8	15	9	12	8	-
5	5	2	-	-	-	-	-	-	-	2	29	26	5	-	-	-	-	1

TABLE IX.—Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
I. 1. *Miasmatic*—Con.											
12. Carbuncle,	Totals,	11	-	-	-	-	-	-	-	-	-
	Males,	8	1	-	-	-	1	-	3	-	1
	Females,	3	-	-	-	-	-	1	1	1	-
13. Influenza,	Totals,	411	-	-	-	-	-	-	-	-	-
	Males,	188	114	28	15	11	3	3	-	-	3
	Females,	223	132	37	17	10	6	5	5	1	1
14. Dysentery,	Totals,	220	-	-	-	-	-	-	-	-	-
	Males,	97	6	1	6	1	2	2	11	23	26
	Females,	123	3	2	2	2	4	4	15	38	31
15. Diarrhœa,	Totals,	618	-	-	-	-	-	-	-	-	-
	Males,	299	9	9	9	16	10	10	46	68	73
	Females,	319	17	11	11	8	9	15	42	83	69
16. Cholera Infantum,	Totals,	2,491	-	-	-	-	-	-	-	-	-
	Males,	1,336	5	6	8	11	11	26	387	588	217
	Females,	1,155	8	3	4	7	6	20	380	470	196
17. Cholera,	Totals,	88	-	-	-	-	-	-	-	-	-
	Males,	46	-	-	-	-	1	2	9	27	6
	Females,	42	1	-	-	1	-	2	11	22	3
18. Ague,	Totals,	34	-	-	-	-	-	-	-	-	-
	Males,	22	1	-	1	-	2	3	1	4	5
	Females,	12	1	-	-	1	1	-	4	2	-
19. Remittent Fever,	Totals,	26	-	-	-	-	-	-	-	-	-
	Males,	15	-	2	-	-	2	-	1	-	3
	Females,	11	1	4	-	2	1	-	1	2	-
20. Rheumatism,	Totals,	187	-	-	-	-	-	-	-	-	-
	Males,	103	10	15	8	8	5	10	7	6	7
	Females,	84	11	7	7	10	7	5	7	4	4
I. 2. *Enthetic*,	Totals,	251	-	-	-	-	-	-	-	-	-
	Males,	121	9	9	8	14	11	7	10	15	14
	Females,	130	7	7	19	11	14	7	11	19	8
1. Syphilis,	Totals,	67	-	-	-	-	-	-	-	-	-
	Males,	42	2	2	4	2	4	1	4	6	8
	Females,	25	-	2	3	4	-	-	1	3	2
2. Stricture of Urethra,	Males,	2	-	-	-	-	-	-	-	-	-
3. Hydrophobia,	Totals,	17	-	-	-	-	-	-	-	-	-
	Males,	14	-	1	3	2	1	3	1	-	1
	Females,	3	-	-	-	1	1	-	1	-	-
4. Malignant Pustule,	Totals,	2	-	-	-	-	-	-	-	-	-
	Males,	1	-	1	-	-	-	-	-	-	-
	Females,	1	-	1	-	-	-	-	-	-	-
5. Septicæmia,	Totals,	163	-	-	-	-	-	-	-	-	-
	Males,	62	7	5	1	10	6	3	5	9	5
	Females,	101	7	4	16	6	13	7	9	16	6
I. 3. *Dietic*,	Totals,	183	-	-	-	-	-	-	-	-	-
	Males,	124	9	19	13	12	9	5	11	8	6
	Females,	59	10	3	7	3	5	1	7	6	2
1. Privation,	Males,	1	-	1	-	-	-	-	-	-	-
2. Purpura and Scurvy,	Totals,	31	-	-	-	-	-	-	-	-	-
	Males,	19	-	3	3	1	3	1	-	-	3
	Females,	12	2	-	2	1	1	-	1	1	1
3. Delirium Tremens,	Totals,	19	-	-	-	-	-	-	-	-	-
	Males,	18	1	2	1	2	1	1	1	2	1
	Females,	1	-	1	-	-	-	-	-	-	-

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	-	2	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3	5	24	8	1	-	-	6	3	8	13	12	15	14	26	33	24	1
2	3	4	17	8	6	5	1	1	4	5	18	15	20	31	24	42	25	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	7	2	20	15	3	2	-	3	1	-	1	1	2	7	13	19	10	-
17	2	3	18	4	4	2	3	2	-	2	6	3	10	14	14	18	23	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	12	14	207	23	3	2	-	1	1	-	1	5	10	4	13	12	17	-
31	8	15	167	33	-	-	-	-	1	4	4	14	9	9	21	30	27	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	14	2	1,136	162	27	5	3	-	-	-	-	-	-	-	-	-	-	3
43	11	7	978	153	18	3	2	-	-	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	-	-	-	5	-	3	5	3	7	3	7	7	4	-
2	-	-	-	-	-	-	-	3	-	-	5	4	4	5	10	5	6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	2	1	-	-	-	-	1	-	2	1	4	2	1	2	6	2	-
2	1	-	2	1	-	1	-	1	-	-	3	1	-	3	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	2	1	-	-	1	-	-	1	-	2	1	1	3	3	2	1	-	-
-	-	-	-	-	-	-	-	3	-	1	1	-	1	2	2	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	10	9	-	1	-	1	-	7	5	6	7	9	7	12	32	13	3	-
10	5	7	1	1	1	-	1	2	3	3	9	10	14	6	16	9	8	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	8	3	40	4	4	2	1	7	2	2	7	11	10	7	11	11	1	1
8	14	5	20	3	4	3	1	4	3	2	31	29	4	8	5	10	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	4	1	35	3	-	-	-	-	-	-	-	1	1	-	-	1	-	1
2	6	2	16	2	-	-	-	-	-	-	4	2	1	-	-	-	-	-
1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	-	-	2	1	-	4	2	1	-	2	1	1	-	-	-	-
-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	2	2	5	1	2	1	1	3	-	1	7	7	7	5	11	10	1	-
6	8	3	4	1	4	2	1	3	2	2	27	27	3	7	5	10	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	11	11	8	1	2	2	2	-	-	4	19	40	21	16	5	4	-	-
5	8	2	3	-	-	-	2	3	-	1	6	14	18	5	5	-	1	1
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	2	7	1	2	2	2	-	-	1	3	-	1	-	-	-	-	-
1	2	-	3	-	-	-	2	3	-	1	1	-	1	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	3	1	-	-	-	-	-	-	-	-	3	10	2	2	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
I. 3. *Dietic*—Con.											
4. Intoxication,	Totals,	132	–	–	–	–	–	–	–	–	–
	Males,	86	8	13	9	9	5	3	10	6	2
	Females,	46	8	2	5	2	4	1	6	5	1
I. 4. *Parasitic*,	Totals,	8	–	–	–	–	–	–	–	–	–
	Males,	7	1	–	1	–	–	1	2	1	1
	Females,	1	–	–	–	–	1	–	–	–	–
1. Thrush,	Males,	6	1	–	–	–	–	1	2	1	1
2. Worms,	Totals,	2	–	–	–	–	–	–	–	–	–
	Males,	1	–	–	1	–	–	–	–	–	–
	Females,	1	–	–	–	–	1	–	–	–	–
Constitutional Diseases,	Totals,	9,211	–	–	–	–	–	–	–	–	–
	Males,	4,134	451	330	404	360	343	288	338	350	331
	Females,	5,077	566	380	416	404	414	420	415	471	441
II. 1. *Diathetic*,	Totals,	1,861	–	–	–	–	–	–	–	–	–
	Males,	624	54	44	65	45	51	43	51	62	55
	Females,	1,237	121	87	89	105	107	115	109	120	89
1. Dropsy,	Totals,	175	–	–	–	–	–	–	–	–	–
	Males,	70	8	5	6	5	4	4	7	5	8
	Females,	105	9	6	8	8	19	8	3	10	6
2. Anæmia,	Totals,	184	–	–	–	–	–	–	–	–	–
	Males,	75	8	5	8	4	5	8	10	2	2
	Females,	109	15	8	8	7	10	7	5	19	7
3. Cancer, etc., —											
—Cancer of Bowels,	Totals,	54	–	–	–	–	–	–	–	–	–
	Males,	21	3	–	2	–	6	2	2	2	2
	Females,	33	1	2	2	3	4	3	5	2	2
—Cancer of Breast,	Females,	89	5	7	4	7	7	18	6	12	5
—Cancer of Kidney,	Totals,	17	–	–	–	–	–	–	–	–	–
	Males,	12	1	–	2	2	2	1	–	–	1
	Females,	5	1	1	–	–	1	1	–	–	–
—Cancer of Liver,	Totals,	118	–	–	–	–	–	–	–	–	–
	Males,	42	3	1	3	1	2	6	3	8	4
	Females,	76	4	5	4	12	5	6	7	9	3
—Cancer of Pancreas,	Females,	1	–	–	–	–	–	–	–	–	–
—Cancer of Stomach,	Totals,	186	–	–	–	–	–	–	–	–	–
	Males,	90	10	6	5	5	4	5	6	10	12
	Females,	96	13	5	4	6	9	5	12	6	7
—Cancer of Uterus,	Females,	114	14	12	6	8	9	6	11	15	11
—Can. (part not stated),	Totals,	794	–	–	–	–	–	–	–	–	–
	Males,	241	17	19	28	20	18	15	18	24	23
	Females,	553	51	38	52	48	36	54	56	43	47
—Epithelioma,	Totals,	14	–	–	–	–	–	–	–	–	–
	Males,	8	1	2	–	1	1	–	–	2	1
	Females,	6	–	–	–	1	1	–	1	1	1
5. Canker (Noma),	Totals,	9	–	–	–	–	–	–	–	–	–
	Males,	3	1	–	1	–	–	–	–	1	–
	Females,	6	2	–	–	–	1	–	–	1	–
6. Mortification,	Totals,	106	–	–	–	–	–	–	–	–	–
	Males,	62	2	6	10	7	9	2	5	8	2
	Females,	44	6	3	1	5	5	7	3	2	–

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	7	8	-	-	-	-	-	-	-	3	13	30	18	14	4	4	-	-
4	6	2	-	-	-	-	-	-	-	-	5	14	17	5	4	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
303	311	325	590	141	57	38	19	57	41	203	814	637	458	397	364	226	85	7
394	371	385	524	142	45	22	25	83	112	343	994	747	619	499	469	303	136	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46	53	55	19	6	1	5	2	8	5	4	12	21	48	125	181	132	54	1
100	96	99	10	4	2	1	-	4	5	13	34	100	217	276	288	200	80	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	6	7	2	3	-	2	1	-	2	-	-	5	6	12	16	12	9	-
10	7	11	1	1	-	1	-	1	1	4	3	7	17	12	23	20	14	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	5	10	14	1	1	1	-	5	1	3	3	4	5	11	13	12	1	-
10	5	8	8	2	-	-	-	2	3	6	15	14	18	15	17	6	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	2	-	-	-	-	-	-	-	-	2	1	1	5	8	4	-	-
2	4	3	-	-	-	-	-	-	-	-	-	3	6	10	7	7	-	-
6	3	9	-	-	-	-	-	-	-	-	1	4	24	24	22	11	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	-	-	1	-	-	-	-	-	-	1	1	-	7	2	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	2	-	2	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	2	2	-	-	-	1	-	-	-	-	-	1	4	12	18	6	-	-
11	5	5	-	-	-	-	-	-	-	-	-	2	12	17	23	19	2	1
-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	8	11	-	-	-	-	-	-	-	-	-	2	6	21	37	23	1	-
10	14	5	-	-	-	-	-	-	-	-	1	8	6	25	30	18	8	-
6	9	7	-	-	-	-	-	-	-	1	1	16	33	31	23	8	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	25	19	-	-	-	1	-	1	2	1	6	7	24	51	75	50	22	1
41	44	43	-	-	1	-	-	-	1	2	13	46	97	139	126	94	32	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	2	2	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	1	1	1	-	-	-	1	-	-	-	-	-	-	2	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	6	4	1	-	-	-	1	2	-	-	-	-	1	3	10	23	21	-
2	4	6	-	-	1	-	-	-	-	-	-	-	2	2	11	13	15	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
II. 2. *Tubercular*,	Totals,	7,350	-	-	-	-	-	-	-	-	-
	Males,	3,510	397	286	339	315	292	245	287	288	276
	Females,	3,840	445	293	327	299	307	305	306	351	352
1. Scrofula, etc., —											
— Scrofula,	Totals,	64	-	-	-	-	-	-	-	-	-
	Males,	24	3	1	3	5	3	-	2	1	2
	Females,	40	4	2	5	4	3	2	3	3	3
— Cellulitis,	Totals,	13	-	-	-	-	-	-	-	-	-
	Males,	4	-	-	1	1	-	-	-	-	1
	Females,	9	-	1	1	1	2	1	1	1	-
— Lumbar Abscess,	Totals,	3	-	-	-	-	-	-	-	-	-
	Males,	2	-	1	-	-	1	-	-	-	-
	Females,	1	-	-	-	-	-	-	-	-	1
— Goitre,	Females,	1	-	-	-	-	-	-	-	-	-
— Elephantiasis,	Females,	1	-	-	-	-	-	-	-	-	1
2. Tabes Mesenterica,	Totals,	951	-	-	-	-	-	-	-	-	-
	Males,	480	28	32	41	29	22	23	47	69	73
	Females,	471	29	27	29	25	35	25	38	81	73
3. Phthisis (Consumption of Lungs),	Totals,	5,791	-	-	-	-	-	-	-	-	-
	Males,	2,717	342	232	267	263	238	192	209	191	182
	Females,	3,074	391	245	263	249	250	259	237	246	254
4. Hydrocephalus,	Totals,	526	-	-	-	-	-	-	-	-	-
	Males,	283	24	20	27	17	28	30	29	27	18
	Females,	243	21	18	29	20	17	18	27	20	20
LOCAL DISEASES,	Totals,	19,509	-	-	-	-	-	-	-	-	-
	Males,	9,767	1,406	743	900	898	772	646	720	704	702
	Females,	9,742	1,430	843	880	872	784	623	682	696	640
III. 1. *Nervous System*,	Totals,	5,494	-	-	-	-	-	-	-	-	-
	Males,	2,778	294	201	260	245	239	186	242	243	223
	Females,	2,716	284	228	232	216	284	204	234	252	199
1. Cephalitis,	Totals,	1,317	-	-	-	-	-	-	-	-	-
	Males,	692	67	52	66	65	56	42	65	81	61
	Females,	625	74	39	49	45	59	48	71	60	57
2. Apoplexy,	Totals,	1,301	-	-	-	-	-	-	-	-	-
	Males,	657	57	52	57	53	59	45	47	51	54
	Females,	644	55	54	58	62	56	46	54	54	39
3. Paralysis,	Totals,	1,235	-	-	-	-	-	-	-	-	-
	Males,	588	70	38	57	43	42	46	56	38	45
	Females,	647	74	57	50	58	46	55	35	64	44
4. Insanity,	Totals,	188	-	-	-	-	-	-	-	-	-
	Males,	90	9	4	7	9	10	5	8	10	6
	Females,	98	8	16	9	6	4	6	9	9	2
5. Chorea,	Females,	3	-	-	-	-	-	2	-	-	1
6. Epilepsy,	Totals,	117	-	-	-	-	-	-	-	-	-
	Males,	63	10	4	5	3	4	4	7	3	8
	Females,	54	3	3	9	1	9	5	5	1	-
7. Tetanus,	Totals,	25	-	-	-	-	-	-	-	-	-
	Males,	20	-	2	-	-	1	3	6	3	2
	Females,	5	1	-	-	1	1	-	-	-	2
8. Convulsions,	Totals,	889	-	-	-	-	-	-	-	-	-
	Males,	453	56	30	48	48	44	23	39	41	37
	Females,	436	45	37	47	29	34	33	43	41	35

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
257	258	270	571	135	56	33	17	49	36	199	802	616	410	272	183	94	31	6
294	275	286	514	138	43	21	25	79	107	330	960	647	402	223	181	103	56	11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	3	9	1	2	-	1	3	-	1	2	2	1	-	1	-	-	1
2	6	3	14	3	2	2	1	3	-	2	3	2	1	5	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	1	-
1	-	-	-	-	-	-	-	1	-	-	2	1	2	2	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	43	32	382	34	5	7	-	4	2	-	2	3	2	6	6	13	12	2
43	31	35	335	45	7	3	1	8	5	3	3	5	4	2	9	18	22	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	200	211	75	27	15	8	5	22	22	197	792	609	406	262	175	81	18	3
228	224	228	74	37	7	9	5	37	95	323	948	635	394	212	169	85	34	10
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	15	24	105	73	34	18	11	20	11	1	5	2	1	2	-	-	-	-
20	14	19	91	53	27	7	18	30	7	2	3	3	1	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
702	692	882	1,668	469	215	102	77	210	123	211	533	663	861	1,127	1,458	1,442	592	16
688	733	871	1,344	467	222	110	70	214	120	222	605	737	900	1,100	1,375	1,367	866	23
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
188	207	250	615	177	92	46	29	69	38	40	81	123	177	231	400	453	201	6
194	209	230	489	201	91	41	30	73	27	40	86	125	181	259	354	391	325	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	44	46	270	105	53	28	16	38	24	17	28	33	19	20	19	15	5	2
44	42	37	202	112	46	17	21	54	22	22	22	28	19	17	16	18	8	1
-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
53	63	66	2	-	-	-	-	2	2	7	11	23	70	91	186	182	80	1
43	64	59	4	-	1	-	-	-	-	3	11	26	69	109	156	146	119	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	46	63	6	2	2	3	2	9	3	5	11	24	47	67	131	181	94	1
46	47	71	6	-	3	4	-	3	3	4	9	33	44	81	127	164	165	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	7	11	-	-	-	-	-	-	-	1	7	12	10	11	15	23	11	-
6	13	10	-	-	-	-	-	-	-	3	5	6	16	15	17	28	8	-
-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	5	4	2	1	2	-	-	3	2	3	11	10	4	13	6	4	2	-
6	5	7	1	-	-	1	-	4	-	3	9	7	7	7	8	6	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	3	-	6	-	2	-	-	4	1	1	1	1	1	-	2	1	-	-
-	-	-	3	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	27	42	312	67	28	15	9	9	2	-	1	3	3	1	-	-	1	2
29	25	38	257	81	38	16	9	9	2	2	13	5	2	2	-	-	-	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 1. *Nervous System* — Con.											
9. Brain Diseases, etc., —											
— Brain disease,	Totals,	239	-	-	-	-	-	-	-	-	-
	Males,	112	9	11	10	12	11	10	9	7	4
	Females,	127	13	12	6	9	17	6	7	19	13
— Softening of Brain,	Totals,	109	-	-	-	-	-	-	-	-	-
	Males,	60	10	5	6	5	6	4	3	7	5
	Females,	49	7	6	2	3	5	2	5	3	4
— Locomo. Ataxia,	Totals,	38	-	-	-	-	-	-	-	-	-
	Males,	28	5	1	2	4	5	3	2	1	1
	Females,	10	1	2	-	1	2	-	3	-	-
— Neuralgia,	Totals,	33	-	-	-	-	-	-	-	-	-
	Males,	15	1	2	2	3	1	1	-	1	-
	Females,	18	3	2	2	1	1	1	2	1	2
III. 2. *Organs of Circulation*,	Totals,	3,728	-	-	-	-	-	-	-	-	-
	Males,	1,875	217	155	149	154	156	137	133	123	144
	Females,	1,853	222	146	160	158	151	124	137	131	151
1. Pericarditis,	Totals,	113	-	-	-	-	-	-	-	-	-
	Males,	68	6	3	5	12	4	7	4	8	4
	Females,	45	3	3	5	2	5	3	6	3	4
2. Aneurism,	Totals,	36	-	-	-	-	-	-	-	-	-
	Males,	27	3	2	1	1	6	2	2	2	1
	Females,	9	1	-	1	-	-	3	-	1	-
3. Heart Diseases, etc., —											
— Angina Pectoris,	Totals,	64	-	-	-	-	-	-	-	-	-
	Males,	40	5	3	1	4	2	4	5	1	4
	Females,	24	2	2	1	1	2	2	4	1	-
— Embolism,	Totals,	92	-	-	-	-	-	-	-	-	-
	Males,	42	7	7	-	4	-	8	1	2	1
	Females,	50	6	7	4	5	4	5	5	1	1
— Heart Disease,	Totals,	3,417	-	-	-	-	-	-	-	-	-
	Males,	1,695	196	139	142	133	144	115	121	110	134
	Females,	1,722	210	134	149	150	138	111	121	125	146
— Phlebitis,	Totals,	6	-	-	-	-	-	-	-	-	-
	Males,	3	-	1	-	-	-	1	-	-	-
	Females,	3	-	-	-	-	2	-	1	-	-
III. 3. *Respiratory Organs*,	Totals,	5,953	-	-	-	-	-	-	-	-	-
	Males,	3,928	706	248	317	330	219	152	129	99	109
	Females,	3,025	725	314	313	329	233	149	94	79	104
1. Epistaxis,	Totals,	7	-	-	-	-	-	-	-	-	-
	Males,	3	-	-	-	-	-	1	2	-	-
	Females,	4	-	-	1	-	2	1	-	-	-
2. Laryngitis,	Totals,	69	-	-	-	-	-	-	-	-	-
	Males,	37	6	4	3	3	3	3	3	-	4
	Females,	32	3	2	1	4	3	-	2	2	3
3. Bronchitis,	Totals,	1,533	-	-	-	-	-	-	-	-	-
	Males,	720	141	63	77	83	61	44	34	27	35
	Females,	813	157	73	118	85	68	42	29	26	37
4. Pleurisy, etc., —											
— Hydrothorax,	Totals,	6	-	-	-	-	-	-	-	-	-
	Males,	3	-	-	-	-	-	-	1	-	-
	Females,	3	-	-	1	-	-	1	-	-	-
— Pleuritis,	Totals,	107	-	-	-	-	-	-	-	-	-
	Males,	49	9	2	4	4	3	2	5	1	4
	Females,	58	9	8	6	10	6	3	3	2	4

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	8	8	17	2	5	-	2	3	4	5	10	11	12	9	14	16	2	-
11	9	5	16	8	3	3	-	2	-	-	13	11	17	13	14	16	10	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	5	-	-	-	-	-	-	-	1	-	3	5	7	20	19	5	-
6	3	3	-	-	-	-	-	-	-	1	2	2	3	7	12	11	11	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	2	1	-	-	-	-	-	-	-	-	1	2	5	7	4	8	1	-
1	-	-	-	-	-	-	-	-	-	-	-	-	3	5	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	4	-	-	-	-	-	1	-	-	-	1	1	5	3	4	-	-
2	1	-	-	-	-	-	-	-	-	1	2	5	1	2	2	2	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168	150	189	97	4	5	5	2	24	22	37	86	142	203	305	378	414	148	3
156	143	174	58	5	7	3	3	38	25	49	118	155	216	278	349	347	196	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	6	7	-	-	1	1	-	2	2	5	5	11	10	10	10	8	3	-
4	2	5	-	1	2	-	1	8	-	2	3	4	6	6	4	6	1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	3	1	-	-	-	-	-	-	-	1	1	4	9	6	2	2	2	-
1	-	2	-	-	-	-	-	-	-	-	-	-	3	1	1	2	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	6	1	-	-	-	-	-	-	-	-	-	2	4	10	20	4	-	-
4	3	2	-	-	-	-	-	-	-	1	-	2	2	5	7	3	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4	5	2	-	-	-	-	-	1	1	4	2	2	8	6	14	2	-
5	4	3	1	1	-	-	-	-	-	2	6	13	5	3	6	7	6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156	131	174	95	4	4	4	2	22	19	29	76	123	178	269	340	386	141	3
142	134	162	57	3	5	3	2	30	25	44	109	135	199	263	330	329	183	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166	188	265	612	216	98	39	34	62	17	62	243	239	288	320	314	255	126	3
159	210	316	528	218	103	54	25	59	29	84	183	193	230	298	356	392	266	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-
-	-	-	-	-	-	-	-	1	1	-	1	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	4	7	4	4	5	1	2	1	1	2	4	2	2	2	-	-	-
5	5	2	5	6	6	2	1	2	1	1	2	2	2	-	1	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	50	67	279	78	19	12	9	20	3	7	21	23	31	51	51	69	46	1
51	56	71	252	78	27	19	3	11	3	10	19	16	21	51	85	124	93	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	3	5	2	1	-	-	-	2	-	1	9	8	7	8	8	3	-	-
-	2	5	2	-	1	-	-	4	4	2	9	9	8	5	4	6	4	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 3. *Respiratory Organs*—Con.											
5. Pneumonia,	Totals,	4,038	–	–	–	–	–	–	–	–	–
	Males,	2,012	532	172	225	229	144	92	80	65	58
	Females,	2,026	540	225	171	223	141	99	58	43	55
6. Asthma,	Totals,	86	–	–	–	–	–	–	–	–	–
	Males,	45	8	3	6	3	2	3	3	2	6
	Females,	41	8	2	7	4	4	1	1	3	3
7. Lung Diseases,	Totals,	107	–	–	–	–	–	–	–	–	–
	Males,	59	10	4	2	8	6	7	1	4	2
	Females,	48	8	4	8	3	9	2	1	3	2
III. 4. *Digestive Organs*,	Totals,	2,431	–	–	–	–	–	–	–	–	–
	Males,	1,150	92	62	80	82	77	75	120	164	131
	Females,	1,281	110	91	88	93	90	94	142	170	121
1. Gastritis,	Totals,	258	–	–	–	–	–	–	–	–	–
	Males,	112	8	3	10	13	8	8	7	13	12
	Females,	146	13	7	7	6	11	12	15	23	13
2. Enteritis,	Totals,	763	–	–	–	–	–	–	–	–	–
	Males,	392	27	10	14	17	10	23	61	95	54
	Females,	371	23	19	18	25	17	20	63	78	44
3. Peritonitis,	Totals,	484	–	–	–	–	–	–	–	–	–
	Males,	211	17	18	16	17	16	14	19	18	24
	Females,	273	22	19	24	25	20	27	22	25	24
4. Ascites,	Totals,	12	–	–	–	–	–	–	–	–	–
	Males,	5	–	–	–	1	–	1	1	–	–
	Females,	7	1	–	–	1	1	–	1	–	1
5. Ulcerat'n of Intestines,	Totals,	33	–	–	–	–	–	–	–	–	–
	Males,	18	2	2	1	1	1	3	3	1	3
	Females,	15	1	1	–	–	–	2	3	2	3
6. Hernia,	Totals,	68	–	–	–	–	–	–	–	–	–
	Males,	31	3	1	3	4	2	2	2	2	5
	Females,	37	5	4	2	3	2	3	1	5	5
7. Ileus,	Totals,	113	–	–	–	–	–	–	–	–	–
	Males,	53	3	4	2	6	5	2	2	9	5
	Females,	60	5	6	6	7	4	2	1	5	8
8. Intussusception,	Totals,	11	–	–	–	–	–	–	–	–	–
	Males,	7	–	1	1	–	1	–	–	1	–
	Females,	4	–	–	–	–	1	–	–	1	–
9. Stricture of Intestines,— —Stricture of Bowels,	Totals,	21	–	–	–	–	–	–	–	–	–
	Males,	10	–	–	–	–	3	–	1	2	–
	Females,	11	–	1	1	1	1	–	1	2	–
—Strict. of Œsophagus,	Totals,	6	–	–	–	–	–	–	–	–	–
	Males,	4	–	–	–	–	1	–	–	–	1
	Females,	2	–	–	–	1	1	–	–	–	–
10. Fistula,	Totals,	7	–	–	–	–	–	–	–	–	–
	Males,	2	1	–	1	–	–	–	–	–	–
	Females,	5	1	–	2	–	2	–	–	–	–
11. Stomach Diseases, etc.,— —Bowel Disease,	Totals,	89	–	–	–	–	–	–	–	–	–
	Males,	38	7	1	4	4	7	3	2	2	2
	Females,	51	6	5	3	3	5	2	6	3	6
—Dyspepsia,	Totals,	27	–	–	–	–	–	–	–	–	–
	Males,	10	2	2	1	–	–	–	1	1	2
	Females,	17	–	1	1	–	4	–	3	2	2
—Stomach Disease,	Totals,	98	–	–	–	–	–	–	–	–	–
	Males,	46	1	4	3	7	3	1	8	4	2
	Females,	52	5	3	5	5	5	4	3	3	4

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111	128	176	312	133	72	22	23	37	13	50	205	193	230	242	237	164	77	2
99	137	235	263	133	68	33	20	40	20	69	142	161	193	222	246	251	159	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	6	3	-	2	-	-	1	-	-	2	3	6	5	9	14	-	-
2	5	1	1	-	-	-	-	-	-	1	3	3	3	10	12	5	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	3	6	9	-	1	-	1	-	-	3	3	7	11	11	6	5	2	-
1	5	2	5	1	1	-	1	1	-	1	7	2	3	7	8	6	5	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	75	93	312	63	14	8	8	25	26	46	68	75	90	134	142	103	34	2
107	90	85	254	39	17	10	9	30	17	48	125	135	146	133	155	133	48	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	10	10	20	4	1	1	-	3	-	1	3	10	10	15	21	18	5	-
15	13	11	11	2	1	3	1	5	3	2	14	18	17	19	19	17	14	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	21	20	218	50	10	3	2	6	8	8	14	6	16	17	16	9	8	1
27	20	17	181	31	8	4	2	7	2	5	14	23	17	17	22	30	7	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	15	22	10	5	2	1	4	13	14	27	32	19	19	24	25	11	5	-
26	14	25	8	3	6	1	6	14	8	18	67	49	32	22	18	17	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	1	-	-	-	-	-	-	-	-	1	1	2	1	-	-	-	-
-	1	1	1	-	-	-	-	1	-	-	1	-	-	-	3	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	-	-	-	-	-	2	3	1	2	2	4	2	2	-
1	1	1	1	-	-	-	-	-	-	-	2	3	1	3	2	2	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	5	2	-	-	-	1	-	-	-	1	2	2	8	7	5	2	1
3	2	2	3	-	-	-	-	-	-	-	1	1	6	7	8	7	3	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	6	4	16	1	-	-	1	1	-	1	5	6	3	5	6	7	1	-
5	8	3	8	-	-	-	-	1	-	-	5	5	7	12	13	9	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	3	1	-	-	1	-	-	-	-	1	-	1	-	2	1	-	-
1	1	-	3	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	2	1	-	-	-	-	-	-	-	-	-	-	4	2	1	2	-
2	2	-	-	-	-	-	-	-	-	-	-	1	2	3	1	4	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	1	-	-	-	-	-	-	-	-	-	1	-	-	1	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
-	-	-	1	-	-	-	-	-	-	-	1	1	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	2	-	12	-	1	-	-	-	1	3	2	4	2	4	3	4	2	-
5	4	3	14	2	1	2	-	1	1	1	4	5	5	2	3	6	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	4	1	-	-	-	-	-	-	-	-	1	2	1	1	-	-
2	1	1	8	-	-	-	-	-	-	-	-	1	-	2	4	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	4	5	9	-	-	2	-	1	-	1	-	4	4	6	9	7	3	-
5	4	6	2	1	1	-	-	-	-	1	7	4	6	10	5	14	1	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 4. *Digestive Organs* — Con.											
12. Pancreas Disease,	Males,	3		-	-	-	1	-	1	-	-
13. Hepatitis,	Totals,	92	-	-	-	-	-	-	-	-	-
	Males,	45	6	2	3	2	7	1	1	4	4
	Females,	47	8	4	2	4	6	2	6	3	1
14. Jaundice,	Totals,	65	-	-	-	-	-	-	-	-	-
	Males,	29	6	3	7	1	3	-	2	-	3
	Females,	36	5	3	5	3	1	5	1	3	3
15. Liver Disease,	Totals,	281	-	-	-	-	-	-	-	-	-
	Males,	134	9	11	14	9	9	17	9	12	14
	Females,	147	15	18	12	9	9	15	16	15	7
III. 5. *Urinary Organs*,	Totals,	1,648	-	-	-	-	-	-	-	-	-
	Males,	936	85	73	85	79	69	88	85	67	87
	Females,	712	79	52	69	59	60	42	58	49	58
1. Nephritis (Bright's Disease, etc.),	Totals,	1,016	-	-	-	-	-	-	-	-	-
	Males,	548	54	40	51	53	42	51	50	32	54
	Females,	468	52	38	51	38	42	23	38	33	37
2. Ischuria,	Males,	3	-	-	1	-	1	-	-	1	-
3. Diabetes,	Totals,	188	-	-	-	-	-	-	-	-	-
	Males,	82	12	6	10	8	4	6	5	8	4
	Females,	106	11	8	5	7	9	9	9	8	8
4. Gravel, etc.,	Totals,	6	-	-	-	-	-	-	-	-	-
	Males,	5	2	1	-	-	-	-	-	-	1
	Females,	1	-	-	1	-	-	-	-	-	-
5. Cystitis,	Totals,	148	-	-	-	-	-	-	-	-	-
	Males,	122	8	6	11	6	9	12	9	12	16
	Females,	26	2	2	2	4	2	2	3	2	2
6. Kidney Diseases, etc., —											
— Kidney Disease,	Totals,	257	-	-	-	-	-	-	-	-	-
	Males,	146	7	16	10	11	10	18	15	14	10
	Females,	111	14	4	10	10	7	8	8	6	11
— Disease of Prostate,	Males,	30	2	4	2	1	3	1	6	-	2
III. 6. *Generative Organs*,	Females,	61	3	3	7	9	3	4	8	9	5
1. Ovarian Dropsy,	Females,	35	3	1	7	4	1	2	6	5	1
2. Uterus Diseases, etc., —											
— Uterus Disease,	Females,	21	-	1	-	4	1	2	2	4	2
— Metritis,	Females,	5	-	1	-	1	1	-	-	-	2
III. 7. *Organs of Locomotion*,	Totals,	101	-	-	-	-	-	-	-	-	-
	Males,	57	7	-	6	5	9	5	7	4	6
	Females,	44	3	7	6	2	10	1	4	2	1
1. Arthritis,	Females,	6	-	1	1	-	1	1	-	-	-
2. Joint Diseases, etc., —											
— Joint Disease,	Males,	2	-	-	-	-	1	-	1	-	-
— Hip Disease,	Totals,	23	-	-	-	-	-	-	-	-	-
	Males,	14	1	-	2	3	2	1	2	-	2
	Females,	9	2	1	-	-	4	-	-	1	1
— Necrosis,	Totals,	22	-	-	-	-	-	-	-	-	-
	Males,	11	1	-	1	-	1	2	1	2	1
	Females,	11	1	2	3	-	1	-	1	-	-
— Spine Disease,	Totals,	48	-	-	-	-	-	-	-	-	-
	Males,	30	5	-	3	2	5	2	3	2	3
	Females,	18	-	3	2	2	4	-	3	1	-

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	5	7	6	-	-	-	-	-	-	2	1	4	6	7	9	9	1	-
5	5	1	1	-	-	-	-	1	1	1	2	8	5	8	11	6	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	4	11	1	-	-	-	-	-	-	2	2	1	1	6	5	-	-
1	5	1	11	-	-	-	-	-	-	-	2	2	3	4	7	3	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	8	8	2	1	-	-	-	1	3	1	3	15	18	37	29	21	3	-
10	8	13	1	-	-	-	-	-	2	-	5	13	43	24	37	16	6	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74	65	79	18	6	6	4	2	15	9	22	46	77	94	128	214	210	83	2
60	70	56	5	4	1	1	3	8	16	16	74	109	101	112	137	94	26	5
-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	34	50	7	3	4	4	2	7	6	13	33	46	66	98	134	95	30	-
33	45	38	4	3	-	-	2	4	14	10	43	70	65	72	99	61	19	2
-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	7	7	-	1	1	-	-	5	3	6	5	8	12	8	19	12	2	-
13	12	7	-	-	-	-	1	2	1	2	10	14	15	26	17	14	1	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	-	-	-	-	1	-	1	1	-	-	1	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	8	12	-	-	-	-	-	-	-	1	1	2	2	6	31	52	25	2
1	1	3	1	-	-	-	-	-	-	-	2	3	2	3	4	8	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	12	10	10	2	1	-	-	3	-	1	7	20	13	14	24	34	17	-
13	12	8	-	1	1	1	-	2	1	4	19	22	19	11	17	10	3	-
6	3	-	-	-	-	-	-	-	-	-	-	-	-	1	6	16	7	-
4	3	3	-	-	-	-	-	-	-	-	7	14	14	12	11	2	1	-
2	1	2	-	-	-	-	-	-	-	-	3	7	5	8	9	2	1	-
2	2	1	-	-	-	-	-	-	-	-	2	5	9	3	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	2	2	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	3	2	1	-	-	-	14	9	3	5	4	7	6	5	1	-	-
1	4	3	2	-	2	1	-	5	6	3	4	1	4	3	8	2	3	-
-	2	-	-	-	-	-	-	-	1	-	1	-	1	1	1	1	-	-
-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	1	-	-	-	6	2	2	2	-	-	1	-	-	-	-
-	-	-	-	-	1	-	-	1	3	-	2	-	-	1	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	1	-	-	-	-	-	2	2	-	1	1	1	2	2	-	-	-
-	1	2	-	-	1	1	-	1	1	1	-	1	2	1	2	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	2	2	-	-	-	-	6	5	1	1	3	6	2	3	1	-	-
1	1	1	2	-	-	-	-	3	1	2	1	-	1	-	5	1	2	-

TABLE IX. — Continued.

Causes of Death.	Deaths. Sex.	Deaths. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
III. 8. *Integumentary System*,	Totals,	93	-	-	-	-	-	-	-	-	-
	Males,	43	5	4	3	3	3	3	4	4	2
	Females,	50	4	2	5	6	3	5	5	4	1
1. Phlegmon (Abscess),	Totals,	58	-	-	-	-	-	-	-	-	-
	Males,	24	5	1	3	2	1	3	1	3	1
	Females,	34	2	1	4	5	2	2	4	4	-
2. Ulcer,	Totals,	6	-	-	-	-	-	-	-	-	-
	Males,	1	-	1	-	-	-	-	-	-	-
	Females,	5	-	1	-	-	1	1	-	-	-
3. Skin Disease,	Totals,	29	-	-	-	-	-	-	-	-	-
	Males,	18	-	2	-	1	2	-	3	1	1
	Females,	11	2	-	1	1	-	2	1	-	1
DEVELOPMENTAL DISEASES,	Totals,	4,396	-	-	-	-	-	-	-	-	-
	Males,	2,074	237	165	162	167	164	143	166	205	180
	Females,	2,322	252	189	208	173	191	157	204	197	161
IV. 1. *Developmental Diseases of Children*,	Totals,	1,118	-	-	-	-	-	-	-	-	-
	Males,	636	75	58	52	46	49	43	50	59	54
	Females,	482	43	44	44	31	43	37	54	35	33
1. Infantile, etc., — — Infantile,	Totals,	161	-	-	-	-	-	-	-	-	-
	Males,	97	14	8	11	6	4	4	7	10	7
	Females,	64	6	6	6	9	1	3	8	5	6
— Premature,	Totals,	700	-	-	-	-	-	-	-	-	-
	Males,	396	41	36	28	29	30	33	38	31	33
	Females,	304	25	25	23	16	32	21	33	23	21
2. Cyanosis,	Totals,	74	-	-	-	-	-	-	-	-	-
	Males,	42	8	6	4	4	1	2	-	3	3
	Females,	32	2	2	7	2	4	4	1	1	2
3. Spina Bifida,	Totals,	35	-	-	-	-	-	-	-	-	-
	Males,	19	3	2	-	3	2	-	3	1	1
	Females,	16	2	1	1	-	1	3	3	-	1
4. Other Malformations,	Totals,	59	-	-	-	-	-	-	-	-	-
	Males,	37	5	3	3	1	5	2	1	5	7
	Females,	22	3	3	2	-	2	3	3	3	-
5. Teething,	Totals,	89	-	-	-	-	-	-	-	-	-
	Males,	45	4	3	6	3	7	2	1	9	3
	Females,	44	5	7	5	4	3	3	6	3	3
IV. 2. *Dev. Diseases of Adults*,	Females,	200	18	17	22	14	22	18	15	19	12
1. Paramenia,	Females,	2	-	-	-	-	-	-	1	-	-
2. Childbirth, etc., —											
— Abortion,	Females,	5	-	-	1	1	-	2	-	-	-
— Childbirth,	Females,	147	12	13	19	9	17	12	12	14	10
— Miscarriage,	Females,	21	3	1	1	1	2	2	1	2	1
— Puerp. Convulsions,	Females,	25	3	3	1	3	3	2	1	3	1
IV. 3. *Developmental Diseases of Old People*, — 1. Old Age,	Totals,	1,853	-	-	-	-	-	-	-	-	-
	Males,	769	98	68	65	63	61	56	52	65	65
	Females,	1,084	143	90	108	82	70	76	80	78	65
IV. 4. *Developmental Diseases of Nutrition*, — 1. Atrophy and Debility,	Totals,	1,225	-	-	-	-	-	-	-	-	-
	Males,	669	64	39	45	58	54	44	64	81	61
	Females,	556	48	38	34	46	56	26	55	65	51

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	5	3	12	2	-	-	2	1	2	1	4	3	2	3	5	6	-	-
7	4	4	8	-	1	-	-	1	-	2	8	5	8	5	5	6	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	1	5	1	-	-	1	1	2	1	3	3	1	2	2	2	-	-
4	3	3	2	-	1	-	-	1	-	2	8	5	4	3	5	3	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
2	-	-	1	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	4	2	7	1	-	-	1	-	-	-	1	-	1	1	2	4	-	-
1	1	1	5	-	-	-	-	-	-	-	-	-	3	1	-	2	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
177	150	158	1,192	35	5	3	-	2	2	3	4	4	8	27	91	231	463	4
219	157	214	893	37	12	4	-	1	4	14	110	87	28	24	101	287	715	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	41	51	614	19	1	-	-	-	-	1	-	1	-	-	-	-	-	-
42	33	43	458	20	3	-	-	1	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	5	16	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	5	3	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41	31	25	396	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	25	33	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4	4	41	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	1	2	30	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	3	16	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-
-	2	2	15	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	-	3	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	2	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	1	-	27	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	1	23	20	1	-	-	-	-	-	-	-	-	-	-	-	-	-
6	18	19	-	-	-	-	-	-	-	13	100	72	14	-	-	-	-	1
-	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
-	-	1	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-
4	10	15	-	-	-	-	-	-	-	8	68	59	12	-	-	-	-	-
1	5	1	-	-	-	-	-	-	-	-	13	8	-	-	-	-	-	-
1	2	2	-	-	-	-	-	-	-	4	14	5	1	-	-	-	-	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51	67	58	-	-	-	-	-	-	-	-	-	-	-	-	76	230	462	1
102	78	112	-	-	-	-	-	-	-	-	-	-	-	-	83	284	715	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	42	49	578	16	4	3	-	2	2	2	4	3	8	27	15	1	1	3
69	28	40	435	17	9	4	-	-	4	1	10	15	14	24	18	3	-	2

TABLE IX. — Continued.

CAUSES OF DEATH.	Deaths. Sex.	Deaths. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
VIOLENT DEATHS,	Totals,	1,814	-	-	-	-	-	-	-	-	-
	Males,	1,397	120	75	94	92	112	124	147	168	99
	Females,	417	33	34	33	31	33	25	43	54	37
V. 1. *Accident or Negligence*,	Totals,	1,616	-	-	-	-	-	-	-	-	-
	Males,	1,234	105	65	85	77	99	106	137	150	77
	Females,	382	30	32	24	28	30	24	42	51	33
1. Fractures, etc., —											
— Fractures,	Totals,	126	-	-	-	-	-	-	-	-	-
	Males,	73	3	3	7	5	4	7	5	5	5
	Females,	53	4	5	3	3	3	3	8	8	5
— R. R. Accidents,	Totals,	274	-	-	-	-	-	-	-	-	-
	Males,	242	19	6	13	11	20	24	20	33	24
	Females,	32	-	-	-	-	-	2	-	19	4
2. Casualty,	Totals,	463	-	-	-	-	-	-	-	-	-
	Males,	372	25	24	27	32	28	21	33	39	21
	Females,	91	8	4	10	7	6	8	11	4	11
3. Burns and Scalds,	Totals,	134	-	-	-	-	-	-	-	-	-
	Males,	48	5	5	1	3	3	4	4	7	4
	Females,	86	10	13	3	8	5	4	9	11	6
4. Poison,	Totals,	63	-	-	-	-	-	-	-	-	-
	Males,	47	5	3	1	4	5	3	7	6	3
	Females,	16	3	-	-	3	2	-	2	3	-
5. Drowning, etc., —											
— Drowning,	Totals,	274	-	-	-	-	-	-	-	-	-
	Males,	246	15	16	8	15	27	39	41	40	9
	Females,	28	2	3	1	1	6	3	3	3	2
— Lost at sea,	Males,	92	27	5	22	2	5	2	4	1	2
6. Suffocation, etc., —											
— Strangulation,	Totals,	6	-	-	-	-	-	-	-	-	-
	Males,	5	1	-	-	-	1	-	1	-	-
	Females,	1	-	-	-	-	-	1	-	-	-
— Suffocation,	Totals,	135	-	-	-	-	-	-	-	-	-
	Males,	69	2	2	4	5	5	5	8	8	6
	Females,	66	3	6	7	6	8	2	6	1	5
7. Otherwise, —											
— Amputation,	Males,	3	1	-	1	-	-	-	-	-	-
— Exposure,	Totals,	6	-	-	-	-	-	-	-	-	-
	Males,	5	1	-	1	-	-	-	-	-	-
	Females,	1	-	-	-	-	-	-	-	-	-
— Heat,	Totals,	30	-	-	-	-	-	-	-	-	-
	Males,	26	1	-	-	-	-	1	13	11	-
	Females,	4	-	-	-	-	-	-	2	2	-
— Lightning,	Totals,	6	-	-	-	-	-	-	-	-	-
	Males,	5	-	-	-	-	1	-	1	-	3
	Females,	1	-	-	-	-	-	-	1	-	-
— Starvation,		1	-	-	-	-	-	1	-	-	-
— Surgical Operation,	Totals,	3	-	-	-	-	-	-	-	-	-
	Males,	1	-	1	-	-	-	-	-	-	-
	Females,	2	-	1	-	-	-	-	-	-	-
V. 3. Homicide,	Totals,	18	-	-	-	-	-	-	-	-	-
	Males,	12	1	-	-	1	1	1	3	1	1
	Females,	6	-	-	1	-	1	1	-	-	2
V. 4. Suicide,	Totals,	180	-	-	-	-	-	-	-	-	-
	Males,	151	14	10	9	14	12	17	7	17	21
	Females,	29	3	2	8	3	2	-	1	3	2

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117	119	130	67	18	14	22	11	68	55	86	273	223	172	133	99	77	20	59
30	28	36	62	14	12	9	11	27	12	13	32	39	37	42	29	30	47	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	109	125	66	18	14	22	11	68	53	82	248	189	144	112	78	54	17	58
27	25	36	62	14	12	9	11	27	11	10	28	31	31	33	26	29	47	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	9	11	-	-	-	1	-	4	1	1	14	13	14	6	9	2	5	3
2	6	3	1	2	-	-	-	-	1	-	2	-	4	4	7	11	21	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	25	21	-	-	-	2	-	13	8	15	71	47	33	24	18	8	1	2
3	1	3	-	-	1	-	-	3	-	2	7	4	4	5	1	3	2	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	40	48	9	3	6	5	4	10	8	28	65	60	54	44	34	29	10	3
5	7	10	9	2	2	1	2	5	8	2	1	7	7	10	6	8	21	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	4	5	1	6	2	7	4	3	-	-	4	6	4	7	2	2	-	-
6	4	7	1	7	7	4	7	10	1	2	9	8	8	8	9	4	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	3	1	6	2	2	1	1	-	1	1	6	8	7	7	3	2	-	-
1	2	-	2	1	-	1	-	-	1	3	2	4	-	1	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	19	9	-	3	4	4	2	35	34	31	49	33	20	16	6	8	-	1
2	1	1	-	2	1	3	2	5	-	1	2	3	1	4	1	2	1	-
5	3	14	-	-	-	-	-	-	-	2	26	8	6	4	-	-	-	46
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	1	-	3	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	4	13	45	2	-	1	-	2	1	2	4	4	-	3	1	1	-	3
8	3	11	48	-	-	-	-	4	-	-	3	3	4	1	-	1	1	1
-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	3	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	-
-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	2	2	-	1	-	1	-	2	6	4	4	-	2	2	-	-
-	-	-	-	-	-	-	-	-	-	-	1	2	1	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	3	-	1	-	-	-	-	-	2	1	4	2	2	-	-	-	-	-
1	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	7	5	-	-	-	-	-	-	-	3	21	32	26	21	21	23	3	1
2	2	-	-	-	-	-	-	-	-	2	3	7	5	8	3	1	-	-

TABLE IX. — Concluded.

CAUSES OF DEATH.	DEATHS. Sex.	DEATHS. Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.
SUDDEN, CAUSE UNKNOWN,	Totals,	4	-	-	-	-	-	-	-	-	-
	Males,	2	-	-	-	-	-	-	1	-	-
	Females,	2	1	-	-	-	-	-	-	1	-
CAUSE NOT SPECIFIED,	Totals,	515	-	-	-	-	-	-	-	-	-
	Males,	268	29	15	18	14	20	28	23	28	33
	Females,	247	27	19	14	16	24	23	13	24	23
Hemorrhage,	Totals,	102	-	-	-	-	-	-	-	-	-
	Males,	52	7	4	4	2	5	5	4	4	4
	Females,	50	3	5	2	4	7	4	2	4	3
Inflammation,	Totals,	19	-	-	-	-	-	-	-	-	-
	Males,	14	-	1	1	1	1	2	-	1	3
	Females,	5	1	-	1	1	-	1	-	-	-
Tumor,	Totals,	52	-	-	-	-	-	-	-	-	-
	Males,	12	2	-	-	-	1	2	-	-	1
	Females,	40	4	3	4	4	3	5	2	5	2
Unknown,	Totals,	342	-	-	-	-	-	-	-	-	-
	Males,	190	20	10	13	11	13	19	19	23	25
	Females,	152	19	11	7	7	14	13	9	15	18

Nosological Arrangement.

October.	November.	December.	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	16	25	108	5	3	5	1	7	7	6	24	22	19	24	11	12	7	7
22	21	21	67	5	4	2	1	7	7	6	19	23	28	39	15	12	8	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	5	3	20	-	-	-	-	1	-	-	6	6	4	8	4	-	3	-
3	6	7	13	-	-	-	-	-	2	3	6	6	3	7	4	2	4	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	1	1	5	-	-	1	-	-	-	1	2	1	-	1	-	3	-	-
1	-	-	2	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	2	1	-	-	-	-	-	-	-	-	-	1	2	2	2	4	1	-
3	3	2	-	-	1	-	-	1	-	-	1	2	9	7	7	9	3	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	8	20	83	5	3	4	1	6	7	5	16	14	13	13	5	5	3	7
15	12	12	52	5	3	2	1	6	5	3	11	15	15	24	4	1	1	4

Table X.

CAUSES OF DEATH,

NOSOLOGICALLY ARRANGED

(BY COUNTIES).

TABLE X. — CAUSES OF

Exhibiting the Number of Deaths in each County, from

[Still-births included.†]

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
All Causes,	45,627	579	1,524	3,968
Specified Causes,	45,108	569	1,463	3,946
(CLASSES.)				
I. — ZYMOTIC DISEASES,	8,079	77	294	720
II. — CONSTITUTIONAL DISEASES,	9,211	118	258	735
III. — LOCAL DISEASES,	19,509	277	653	1,754
IV. — DEVELOPMENTAL DISEASES,	6,495	75	182	611
V. — VIOLENT DEATHS,	1,814	22	76	126
(ORDERS.)				
I. — 1. *Miasmatic Diseases,*	7,637	71	283	682
2. *Enthetic Diseases,*	251	4	5	26
3. *Dietic Diseases,*	183	1	5	12
4. *Parasitic Diseases,*	8	1	1	–
II. — 1. *Diathetic Diseases,*	1,861	38	69	152
2. *Tubercular Diseases,*	7,350	80	189	583
III. — 1. *Diseases of Nervous System,*	5,494	92	202	535
2. *Diseases of Organs of Circulation,*	3,728	57	104	315
3. *Diseases of Respiratory Organs,*	5,953	61	235	517
4. *Diseases of Digestive Organs,*	2,431	41	63	239
5. *Diseases of Urinary Organs,*	1,648	25	46	134
6. *Diseases of Generative Organs,*	61	–	–	5
7. *Diseases of Organs of Locomotion,*	101	1	1	2
8. *Diseases of Integumentary System,*	93	–	2	7
IV. — 1. *Dev. Diseases of Children,*	3,217	19	69	271
2. *Dev. Diseases of Adults,*	200	4	6	8
3. *Dev. Diseases of Old People,*	1,853	47	83	145
4. *Diseases of Nutrition,*	1,225	5	24	187
V. — 1. *Accident or Negligence,*	1,616	18	64	112
2. *Battle,*	–	–	–	–
3. *Homicide,*	18	–	1	1
4. *Suicide,*	180	4	11	13
5. *Execution,*	–	–	–	–
Sudden (causes unascertained),	4	–	–	–
*Causes unknown or ill-defined,**	515	10	61	22

* Including 102 deaths from "Hemorrhage," 52 from "Tumor," 19 from "Inflammation," and 342 deaths of which the cause was not stated in Returns.

DEATH. — Nosological Arrangement.*

Specified Causes (statistically classified), during the Year 1890.

[Still-births included.†]

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
113	6,268	624	2,766	988	8,358	83	2,055	1,611	11,486	5,204
110	6,200	610	2,745	981	8,261	80	2,035	1,589	11,406	5,113
9	1,144	85	594	225	1,459	2	330	243	2,013	884
16	1,249	113	495	170	1,639	15	419	333	2,711	940
62	2,623	279	1,190	425	3,624	35	892	740	4,679	2,276
18	862	105	363	132	1,286	24	290	232	1,498	817
5	322	28	103	29	253	4	104	41	505	196
8	1,105	83	577	221	1,375	1	310	231	1,832	858
1	27	2	9	3	57	–	13	5	81	18
–	11	–	8	–	26	1	7	6	98	8
–	1	–	–	1	1	–	–	1	2	–
3	281	39	82	50	323	6	101	72	442	203
13	968	74	413	120	1,316	9	318	261	2,269	737
21	768	77	332	134	1,036	14	262	233	1,069	719
24	520	63	190	71	738	9	204	168	873	392
11	784	75	374	125	1,050	1	237	177	1,656	650
5	309	33	191	51	432	7	101	89	588	282
1	213	28	88	39	313	2	77	61	412	209
–	10	–	3	2	12	–	4	–	21	4
–	10	2	4	2	25	1	3	4	34	12
–	9	1	8	1	18	1	4	8	26	8
2	438	27	172	47	655	3	139	63	961	351
1	15	3	11	4	29	–	10	13	66	30
12	247	53	86	63	344	21	107	128	256	261
3	162	22	94	18	258	–	34	28	215	175
4	298	22	96	24	233	3	88	37	440	177
–	–	–	–	–	–	–	–	–	–	–
–	1	–	–	1	–	–	1	–	13	–
1	23	6	7	4	20	1	15	4	52	19
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	1	–	3
3	68	14	21	7	97	3	20	21	80	88

* "See Statistical Nosology," in Appendix.

† Still-births are included in no Tables of Deaths, except Tables X. and XI.

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
I. — 1. *Miasmatic.*				
Totals,	7,637	71	283	682
1. Small-pox,	1	–	–	–
2. Measles,	114	4	4	13
3. Scarlatina,	196	3	25	3
4. Diphtheria,	1,239	2	33	68
5. Cerebro-spinal Meningitis,	157	3	15	13
6. Quinsy,	22	1	1	3
7. Croup,	387	1	15	33
8. Whooping-cough,	363	2	19	44
9. Typhoid Fever,*	835	13	35	56
10. Erysipelas,	174	2	6	12
11. Metria (Puerperal Fever),	63	2	2	3
12. Carbuncle,	11	–	–	1
13. Influenza,	411	8	16	19
14. Dysentery,	220	4	6	37
15. Diarrhœa,	618	6	14	50
16. Cholera Infantum,	2,491	13	79	295
17. Cholera,	88	–	3	9
18. Ague,	34	1	1	6
19. Remittent Fever,	26	3	3	1
20. Rheumatism,	187	3	6	16
I. — 2. *Enthetic.*				
Totals,	251	4	5	26
1. Syphilis,	67	–	1	3
2. Stricture of Urethra,	2	–	–	–
3. Hydrophobia,	17	–	–	3
4. Glanders,	–	–	–	–
5. Malignant Pustule,	2	–	–	–
6. Septicæmia,	163	4	4	20
I. — 3. *Dietic.*				
Totals,	183	1	5	12
1. Privation,	1	–	1	–
2. Purpura and Scurvy,	31	–	–	1
3. Delirium Tremens, } Intemperance,	19	–	–	–
4. Intemperance, } Intemperance,	132	1	4	11
I. — 4. *Parasitic.*				
Totals,	8	1	1	–
1. Thrush,	6	1	1	–
2. Worms,	2	–	–	–

* Including "Fever," Typhus Fever, Continued Fever, and "Bilious" Fever.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
8	1,105	83	577	221	1,375	1	310	231	1,832	858
–	–	–	–	–	–	–	–	–	1	–
–	18	–	14	–	7	–	2	3	42	7
–	16	1	13	2	43	–	7	2	48	33
–	199	5	87	66	167	–	81	32	409	90
–	20	5	13	2	32	–	3	4	27	20
1	4	1	1	–	–	–	2	–	4	4
–	69	9	51	10	43	–	15	8	64	69
–	72	2	14	12	62	–	15	16	72	33
–	139	10	65	15	213	–	26	24	156	83
–	26	3	10	2	37	–	5	11	42	18
–	6	–	12	1	11	–	2	2	17	5
1	1	–	–	–	2	–	–	–	5	1
1	46	11	29	13	72	–	13	18	114	51
3	32	1	8	14	35	–	5	12	35	28
–	91	6	40	24	108	1	31	13	187	47
2	326	24	196	41	484	–	88	79	538	326
–	15	–	5	3	14	–	–	3	24	10
–	4	1	8	2	3	–	–	–	3	5
–	1	–	4	2	5	–	2	–	3	2
–	19	4	7	12	36	–	13	4	41	26
1	27	2	9	3	57	–	13	5	81	18
–	–	–	1	1	11	–	–	1	46	3
–	–	–	–	–	–	–	–	–	2	–
–	2	–	–	–	7	–	2	–	3	–
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	2	–	–	–
1	25	2	8	2	39	–	9	4	30	15
–	11	–	8	–	26	1	7	6	98	8
–	–	–	–	–	–	–	–	–	–	–
–	3	–	3	–	8	–	–	3	12	1
–	–	–	1	–	–	–	–	–	16	2
–	8	–	4	–	18	1	7	3	70	5
–	1	–	–	1	1	–	–	1	2	–
–	1	–	–	1	–	–	–	1	1	–
–	–	–	–	–	1	–	–	–	1	–

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
II. — 1. *Diathetic.*				
Totals,	1,861	38	69	152
1. Gout,	–	–	–	–
2. Dropsy,	175	4	19	13
3. Anæmia,	184	5	4	16
4. Cancer,*	1,387	25	40	112
5. Canker (Noma),	9	–	–	–
6. Mortification,	106	4	6	11
II. — 2. *Tubercular.*				
Totals,	7,350	80	189	583
1. Scrofula,	82	1	1	8
2. Tabes Mesenterica,	951	8	13	108
3. Phthisis (Consumption of Lungs),	5,791	68	167	435
4. Hydrocephalus (Tubercular Meningitis),	526	3	8	32
III. — 1. *Nervous System.*				
Totals,	5,494	92	202	535
1. Cephalitis,	1,317	11	45	113
2. Apoplexy,	1,301	20	53	117
3. Paralysis,	1,235	37	57	94
4. Insanity,	188	3	5	18
5. Chorea,	3	–	–	–
6. Epilepsy,	117	–	1	6
7. Tetanus,	25	1	1	4
8. Convulsions,	889	11	29	148
9. *Brain Diseases, etc.,*	419	9	11	35
III. — 2. *Organs of Circulation.*				
Totals,	3,728	57	104	315
1. Pericarditis,	113	3	2	9
2. Aneurism,	36	1	–	4
3. *Heart Diseases, etc.,*	3,579	53	102	302
III. — 3. *Respiratory Organs.*				
Totals,	5,953	61	235	517
1. Epistaxis,	7	–	–	1
2. Laryngitis,	69	–	4	9
3. Bronchitis,	1,533	8	55	179
4. Pleurisy,	113	3	1	10
5. Pneumonia,	4,038	48	166	292
6. Asthma,	86	–	5	16
7. *Lung Diseases, etc.,*	107	2	4	10

* Including 794 cases of Cancer part not stated, 186 Cancer of Stomach, 54 Cancer of Bowels, 118 Cancer of Liver, 114 Cancer of Uterus, 89 Cancer of Breast, 17 Cancer of Kidney, and 14 of Epithelioma.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
3	281	39	82	50	323	6	101	72	442	203
–	–	–	–	–	–	–	–	–	–	–
1	22	7	9	9	16	–	12	8	17	38
–	33	1	10	2	29	–	14	6	39	25
2	203	31	57	36	259	6	72	53	365	126
–	3	–	–	–	1	–	–	–	1	4
–	20	–	6	3	18	–	3	5	20	10
13	968	74	413	120	1,316	9	318	261	2,269	737
1	13	–	6	1	14	–	10	1	15	11
1	139	4	43	5	157	–	47	24	365	37
11	738	68	338	106	1,057	9	248	209	1,687	650
–	78	2	26	8	88	–	13	27	202	39
21	768	77	332	134	1,036	14	262	233	1,069	719
4	180	12	102	22	297	–	58	48	286	139
3	156	26	73	37	220	5	50	54	333	154
6	200	24	57	33	225	7	71	70	160	194
1	18	–	3	6	24	–	5	9	27	69
–	1	–	1	–	–	–	–	–	1	–
1	12	3	11	7	14	–	8	3	27	24
–	–	–	3	1	2	–	4	2	5	2
2	133	9	59	15	177	–	38	19	150	99
4	68	3	23	13	77	2	28	28	80	38
24	520	63	190	71	738	9	204	168	873	392
–	15	3	14	1	16	–	6	2	36	6
1	2	–	1	–	3	–	1	2	17	4
23	503	60	175	70	719	9	197	164	820	382
11	784	75	374	125	1,050	1	237	177	1,656	650
–	–	–	1	–	–	–	–	–	4	1
1	7	1	5	–	9	–	5	6	17	5
3	149	21	84	20	294	–	51	51	466	152
–	20	1	6	1	23	–	3	3	31	11
7	586	51	269	103	694	1	176	104	1,089	452
–	9	–	2	1	14	–	–	4	22	13
–	13	1	7	–	16	–	2	9	27	16

TABLE X. — Continued.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
III. — 4. *Digestive Organs.*				
Totals,	2,431	41	63	239
1. Gastritis,	258	4	8	27
2. Enteritis,	763	9	17	115
3. Peritonitis,	484	6	14	36
4. Ascites,	12	–	–	3
5. Ulceration of Intestines,	33	1	1	2
6. Hernia,	68	4	2	3
7. Ileus,	113	3	4	8
8. Intussusception,	11	–	–	2
9. Stricture of Intestines,	27	–	2	2
10. Fistula,	7	–	–	–
11. *Stomach Diseases, etc.*,	214	4	2	17
12. *Pancreas Disease*,	3	–	–	1
13. Hepatitis,	92	1	2	5
14. Jaundice,	65	–	2	2
15. *Liver Diseases, etc.*,	281	9	9	16
16. Spleen Disease,	–	–	–	–
III. — 5. *Urinary Organs.*				
Totals,	1,648	25	46	134
1. Nephritis (Bright's Disease, etc.),	1,016	10	22	85
2. Ischuria,	3	–	–	–
3. Diabetes,	188	5	4	22
4. Calculus (Gravel, etc.),	6	–	–	1
5. Cystitis,	148	2	8	9
6. *Kidney Diseases, etc.*,	287	8	12	17
III. — 6. *Generative Organs.*				
Totals,	61	–	–	5
1. Ovarian Dropsy,	35	–	–	1
2. *Uterus Diseases, etc*,	26	–	–	4
III. — 7. *Organs of Locomotion.*				
Totals,	101	1	1	2
1. Arthritis,	6	–	–	–
2. *Joint Diseases, etc.*,*	95	1	1	2
III. — *Integumentary System.*				
Totals,	93	–	2	7
1. Phlegmon,	58	–	2	2
2. Ulcer,	6	–	–	–
3. *Skin Diseases, etc.*,	29	–	–	5

* Including 48 Disease of Spine, and 23 Hip Disease.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
5	309	33	191	51	432	7	101	89	588	282
1	31	2	25	4	45	–	13	10	61	27
2	104	9	61	14	125	1	22	28	182	74
–	55	7	51	6	88	1	19	16	116	69
–	1	–	2	–	1	–	1	–	3	1
–	7	1	2	–	4	–	1	1	8	5
–	9	2	3	2	11	2	1	–	23	6
–	17	2	1	5	18	–	9	6	23	17
–	3	–	–	–	4	–	–	–	2	–
–	1	1	–	2	6	–	3	3	4	3
–	1	–	–	–	1	–	–	–	3	2
2	30	3	16	7	40	2	5	6	55	25
–	1	–	–	–	–	–	–	–	1	–
–	13	–	5	2	16	–	8	4	22	14
–	4	1	3	–	13	–	5	2	22	11
–	32	5	22	9	60	1	14	13	63	28
–	–	–	–	–	–	–	–	–	–	–
1	213	28	88	39	313	2	77	61	412	209
–	133	18	58	15	202	2	48	34	254	135
–	–	–	1	–	1	–	–	–	1	–
1	28	3	10	7	22	–	13	7	44	22
–	–	–	–	–	1	–	–	–	3	1
–	16	3	6	8	33	–	6	10	26	21
–	36	4	13	9	54	–	10	10	84	30
–	10	–	3	2	12	–	4	–	21	4
–	7	–	3	1	5	–	2	–	12	4
–	3	–	–	1	7	–	2	–	9	–
–	10	2	4	2	25	1	3	4	34	12
–	2	–	–	–	3	–	1	–	–	–
–	8	2	4	2	22	1	2	4	34	12
–	9	1	8	1	18	1	4	8	26	8
–	3	1	6	–	12	1	1	6	18	6
–	2	–	–	1	–	–	–	–	3	–
–	4	–	2	–	6	–	3	2	5	2

TABLE X. — Concluded.

CAUSES OF DEATH.	STATE.	Barnstable.	Berkshire.	Bristol.
IV. — 1. *Dev. Diseases of Children.* Totals,	3,217	19	69	271
1. Still-born,	2,099	12	48	190
2. Infantile, Premature, etc.,*	861	3	15	59
3. Cyanosis,	74	1	3	7
4. Spina Bifida,	35	1	–	3
5. Other Malformations,	59	–	1	3
6. Teething,	89	2	2	9
IV. — 2. *Dev. Diseases of Adults.* Totals,	200	4	6	8
1. Paramenia,	2	–	–	–
2. Childbirth,†	198	4	6	8
IV. — 3. *Dev. Diseases of Old People.* 1. Old Age,	1,853	47	83	145
IV. — *Dev. Diseases of Nutrition.* 1. Atrophy and Debility,	1,225	5	24	187
V. — 1. *Accident and Negligence.* Totals,	1,616	18	64	112
1. Fractures and Contusions,	400	2	26	21
2. Wounds,	–	–	–	–
3. Burns and Scalds,	134	–	4	11
4. Poison,	63	–	3	7
5. Drowning (and Lost at Sea),	366	5	9	34
6. Suffocation (and Strangulation),	141	3	2	7
7. Otherwise.‡	49	2	3	2
8. Casualty,§	463	6	17	30
V. — 2. *Battle.*	–	–	–	–
V. — 3. *Homicide.*	18	–	1	1
V. — 4. *Suicide* ‖	180	4	11	13
V. — 5. *Execution.*	–	–	–	–
Sudden (cause unknown),	4	–	–	–
Cause not stated or ill-defined,¶	515	10	61	22

* See note on page 104.

† Not including 63 cases of Metria (Puerperal Fever).

‡ Under "Otherwise" (V. — 1. 7) are included Deaths from heat, cold, drinking cold water, lightning, surgical operation, and exposure.

§ Manner not specified; returned as "Casualty."

‖ Totals; manner not stated.

¶ Comprising 102 deaths from "Hemorrhage," 52 from "Tumor," 19 from "Inflammation," and 342 deaths either returned as "Unknown," or from which no cause was stated in the returns.

Nosological Arrangement.

Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
2	438	27	172	47	655	3	139	63	961	351
2	261	14	113	29	410	3	87	48	667	215
–	145	9	39	11	203	–	39	11	219	108
–	7	1	2	2	15	–	2	1	26	7
–	1	1	5	3	6	–	3	1	9	2
–	11	2	6	1	12	–	3	2	15	3
–	13	–	7	1	9	–	5	–	25	16
1	15	3	11	4	29	–	10	13	66	30
–	–	–	–	–	–	–	2	–	–	–
1	15	3	11	4	29	–	8	13	66	30
12	247	53	86	63	344	21	107	128	256	261
3	162	22	94	18	258	–	34	28	215	175
4	298	22	96	24	233	3	88	37	440	177
1	45	7	23	4	65	1	41	5	112	47
–	–	–	–	–	–	–	–	–	–	–
–	16	–	5	1	30	–	4	3	49	11
–	11	1	5	–	14	–	2	6	7	7
2	132	2	16	7	37	–	18	12	56	36
–	13	–	9	2	25	–	7	2	46	25
–	6	2	3	–	3	–	5	3	18	2
1	75	10	35	10	59	2	11	6	152	49
–	–	–	–	–	–	–	–	–	–	–
–	1	–	–	1	–	–	1	–	13	–
1	23	6	7	4	20	1	15	4	52	19
–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	1	–	3
3	68	14	21	7	97	3	20	21	80	88

NOTE. — When a person is "found drowned," the case is classed under "accident or negligence." (V. — 1. 4.) Cases of death from cold, heat, drinking cold water, lightning, surgical operation, and exposure, are classed under "accident or negligence." (V. — 1. 6.) As "stricture of the urethra" is almost invariably the result of gonorrhœa, it is classed as (I. — 2. 2). — [DR. FARR.]

NOTE.

Previously to the adoption, in the Registration Report of 1855, of the present NOSOLOGICAL ARRANGEMENT of Tables X. and XI., the term "Infantile" in those tables included under a single designation not only all deaths returned under the several heads "Infantile," "Premature," or "Premature Births," but also all ascribed to "Debility" or "Unknown" cause, if under two years of age.

This plan was continued until the Registration Report of 1868, in which, to secure greater accuracy, the method now employed was adopted, by which Deaths returned under the head of "Premature," "Premature Births," or "Infantile," are stated *separately* in Table IX., and *combined* in Tables X. and XI. Deaths of children under two years, from "Debility" or "Unknown" cause, are no longer classed as "Infantile."

See Registration Report of 1868, p. cv, for a fuller explanation.

TABLE XI. — CAUSES OF DEATH. — COMPARATIVE MORTALITY.

*Exhibiting the Number of Deaths from Specified Causes (Nosologically Arranged *) during each of the Five Years 1886–1887–1888–1889–1890, with the Number of Deaths, annually, to 100,000 of the Population; also the Number and Percentage of Deaths during the Five Years 1886–1890, and during the entire Registration Period of Forty-nine Years and Eight Months, ending Dec. 31, 1890.*

[Still-births included.‡]

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.†					PERCENTAGE OF ALL DEATHS.	
1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.		1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.
39,040	42,557	44,040	43,798	45,627	215,062	1,339,593	**All Causes,** . . .	2,010·15	2,191·24	2,267·60	2,255·14	2,037·88	–	–
38,588	42,059	43,502	43,308	45,108	212,565	1,299,504	**Specified Causes,** . .	1,986·88	2,165·60	2,239·90	2,229·90	2,014·70	100·00	100·00
							(CLASSES.)							
6,822	7,948	8,042	8,034	8,079	38,925	324,428	I. — ZYMOTIC DISEASES, .	351·26	409·24	414·08	413·67	360·84	18·31	24·97
8,919	9,101	9,167	9,000	9,211	45,401	325,891	II. — CONSTITUTIONAL DIS.,	459·24	468·76	472·00	463·40	411·40	21·36	25·08
15,460	17,203	18,404	18,187	19,509	88,763	395,379	III — LOCAL DISEASES, .	796·03	885·77	947·62	936·44	871·35	41·76	30·41
5,846	6,099	6,223	6,394	6,495	31,057	201,934	IV. — DEVELOPMENTAL DIS.,	301·01	314·04	320·42	329·22	290·09	14·61	15·54
1,541	1,705	1,666	1,693	1,814	8,419	51,872	V. — VIOLENT DEATHS, .	79·34	87·79	85·78	87·17	81·02	3·96	4·00

* For explanation of the classification adopted, see "Statistical Nosology," in Appendix.
† Owing to the undetermined increase of Population, these computations are strictly accurate only in census years.
‡ Including Still-born. See notes to Table X.

TABLE XI. — Continued.

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.					PERCENTAGE OF ALL DEATHS.	
1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.		1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.
							(ORDERS.)							
6,472	7,581	7,645	7,638	7,637	36,973	314,582	I. — 1. *Miasmatic Diseases,*	333·24	390·34	393 64	393 27	341·11	17·39	24·21
197	223	233	225	251	1,129	3,333	2. *Enthetic Diseases,* .	10·14	11·48	12·00	11·59	11·21	·53	·26
138	131	160	163	183	775	5,477	3. *Dietic Diseases,* .	7·11	6·75	8·24	8·40	8·17	·37	·42
15	13	4	8	8	48	1,036	4. *Parasitic Diseases,* .	·77	67	·20	·41	·35	·02	·08
1,590	1,665	1,759	1,778	1,861	8,653	55,305	II — 1. *Diathetic Diseases,* .	81·87	85·73	90·57	91·55	83·11	4·07	4·26
7,329	7,439	7,408	7,222	7,350	36,748	270,586	2. *Tubercular Diseases,*	377·37	383·03	381·43	371·85	328·29	17·29	20 82
							Diseases of—							
4,848	5,323	5,562	5,393	5,494	26,620	130,919	III. — 1. *Nervous System,* .	249·62	274.08	286·39	277·68	245·38	12 52	10·07
2,628	2,983	3,191	3,437	3,728	15,967	58,581	2. *Organs of Circulation,*	135·32	153·59	164·30	176·97	166·51	7·51	4·51
4,220	4,952	5,450	5,093	5,953	25,668	116,852	3. *Respiratory Organs,*	217·29	254·98	280·62	262·24	265·89	12·08	8 99
2,046	2,184	2,290	2,411	2,431	11,362	54,384	4. *Digestive Organs,* .	105·35	112·45	117·91	124·14	108·58	5·35	4·18
1,452	1,460	1,599	1,572	1,648	7,731	24,725	5. *Urinary Organs,* .	74·76	75 17	82·33	80·94	73·61	3·64	1·90
63	78	70	67	61	339	1,816	6. *Generative Organs,* .	3·24	4·02	3·61	3·45	2·72	·16	·14
122	116	136	102	101	577	4,284	7. *Organs of Locomotion,*	6·28	5·97	7·00	5·25	4·51	·27	·33
81	107	106	112	93	499	3,818	8. *Integument'ry Syst'm,*	4·17	5·51	5·46	5·77	4·15	·23	·29
							Dev. Diseases of—							
2,865	2,940	3,108	3,206	3,217	15,336	107,632	IV. — 1. *Children,* . . .	147·52	151·38	160·03	165·07	143·68	7·22	8 28
158	168	159	166	200	851	9,208	2. *Adults,* . . .	8·13	8·65	8·19	8·55	8·94	·40	·71
1,905	1,961	2,024	1,873	1,853	9,616	66,134	3. *Old People,* . .	98·09	100 97	104·21	96·44	82·76	4·52	5·09
918	1,030	932	1,149	1,225	5,254	18,960	4. *Dis. of Nutrition,* .	47·27	53·04	47·99	59 16	54·71	2·47	1·46

1,372	1,523	1,485	1,506	1,616	7,502	44,755	V. — 1. *Accid't or Negligence,*	70·64	78·42	76·46	77·54	72·18	3·53	3·45
–	–	–	–	–	–	1,246	2. *Battle,* . . .	–	–	–	–	–	–	·10
20	16	16	12	18	82	784	3 *Homicide,* . .	1·03	·87	·87	·62	·80	·04	·06
149	165	164	175	180	833	5,067	4. *Suicide,* . . .	7·67	8 50	8 45	9·01	8·04	·39	·39
–	1	1	–	–	2	20	5. *Execution,* . .	–	·05	·05	–	–	–	–
5	9	2	1	4	21	819	*Sudden (cause unascertained),*	·26	·46	·10	·05	·18	·01	06
447	489	536	489	515	2,476	39,270	*Causes not stated or ill-defined,*	23·02	25·18	27·60	25·17	23 00	1·16	3·02
							I. — 1. *Miasmatic.*							
1	3	9	6	1	20	5,591	1. Small-pox, ...	·05	·15	·46	·31	·05	·01	·43
130	455	219	171	114	1,089	9,249	2. Measles, ...	6·69	23·42	11·28	8·80	5·09	·51	·71
331	594	504	185	196	1,810	39,145	3. Scarlatina, . . .	17·04	30·58	25·95	9·53	8·76	·85	3·01
1,053	1,096	1,331	1,730	1,239	6,449	32,275	4. Diphtheria, . . .	54·22	56·43	68·53	89·08	55 34	3 03	2·48
103	128	171	149	157	708	3,231	5 Cerebro-sp. Meningitis, .	5·30	6·59	8·80	7·67	7 01	·33	·25
14	38	29	18	22	121	1,011	6. Quinsy, ...	·72	1·95	1·49	·93	·98	·06	·08
505	532	500	484	387	2,408	23,270	7. Croup, ...	26·00	27·39	25·75	24·92	17·29	1·13	1·79
271	232	245	310	363	1,421	12,296	8. Whooping-cough, . .	13·96	11·94	12·62	15 96	16 21	·67	·95
800	922	943	891	835	4,391	49,462	9. Typhoid Fever,* . .	41·19	47·47	48·56	45·88	37·30	2·07	3 81
175	184	213	176	174	922	8,343	10. Erysipelas, . . .	9·01	9·47	10·97	9·06	7·77	·43	·64
91	69	83	68	63	374	2,787	11. Metria (Puerp. Fever), .	4·69	3·55	4·27	3·50	2 81	·18	·21
14	12	5	9	11	51	296	12. Carbuncle, . . .	·72	·62	·26	·46	·49	·02	·02
14	19	11	27	411	482	2,257	13 Influenza, . . .	·72	·98	·57	1·39	18·36	·23	·17
243	266	248	299	220	1,276	33,246	14 Dysentery, . . .	12·51	13·69	12·77	15·40	9·83	·60	2 56
501	560	587	593	618	2,859	16,290	15 Diarrhœa, . . .	25·80	28·83	30·22	30·53	27·60	1 35	1·26
1,931	2,131	2,195	2,156	2,491	10,904	63,136	16. Cholera Infantum, . .	99·43	109·72	113·02	111·01	111·26	5·13	4·86
77	68	79	77	88	389	5,790	17. Cholera, ...	3·96	3.56	4·07	3·96	3·93	·18	·45

* Including "Fever," "Typhus Fever," "Continued Fever," and "Bilious Fever."

TABLE XI. — Continued.

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.					PERCENTAGE OF ALL DEATHS.	
1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.		1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.
18	28	30	44	34	154	564	18. Ague, ...	·93	1·44	1·55	2·26	1·52	·07	04
14	18	34	33	26	125	611	19. Remittent Fever, . .	·72	·93	1·75	1 70	1·16	·06	·05
186	226	209	212	187	1,020	5,732	20. Rheumatism, . . .	9·58	11·63	10·75	10·92	8·35	·48	44
							I. — 2. *Enthetic.*							
51	57	48	54	67	277	1,508	1. Syphilis, ...	2·63	2·94	2·48	2·73	2·99	·130	116
3	2	1	1	2	9	85	2. Stricture of Urethra, .	·15	·10	·05	·05	·09	·004	·006
–	–	2	14	17	33	105	3. Hydrophobia, . . .	–	–	·10	·73	·76	·016	·008
1	2	–	1	–	4	20	4. Glanders, . . .	·05	·10	–	·05	–	·002	·002
1	3	1	–	2	7	100	5. Malignant Pustule, .	·05	·15	·05	–	·09	·003	·008
141	159	181	155	163	799	1,515	6. Septicæmia, . . .	7·26	8·19	9·32	7·98	7·28	·375	·12
							I. — 3. *Dietic.*							
–	2	6	3	1	12	233	1. Privation, . . .	–	·10	·31	·15	·04	·01	·02
30	18	28	38	31	145	668	2. Purpura and Scurvy, .	1·55	·93	1·44	1·97	1·38	·07	·05
11	18	17	15	19	80	1,248	3. Del. Trem, } Alcoholism,	·57	·93	·88	·77	·85	·04	·10
97	93	109	107	132	538	3,328	4. Intemp'ce, } Alcoholism,	4·99	4·79	5 61	5·51	5·90	·25	·25
							I. — 4. *Parasitic.*							
9	7	3	6	6	31	455	1. Thrush, ...	·46	·36	·15	·31	·26	·013	·035
6	6	1	2	2	17	581	2. Worms, ...	·31	·31	·05	·10	·09	·007	045

							II.—1. *Diathetic.*							
3	–	2	2	–	7	102	1. Gout,	·15	–	·10	·10	–	·003	·01
219	212	204	161	175	971	18,838	2. Dropsy,	11·28	10·92	10·50	8·29	7·81	·457	1.45
157	170	155	161	184	827	3,685	3. Anæmia,	8·08	8·75	7·98	8·29	8·22	·390	·28
1,104	1,174	1,275	1,325	1,387	6,265	25,559	4. Cancer,*	56 85	60·44	65·65	68·22	61·95	2·950	1·97
19	12	19	11	9	70	4,481	5 Canker (Noma),	·98	·62	·98	·57	·40	·030	·35
88	97	104	118	106	513	2,640	6. Mortification,	4·53	5·00	5·36	6·08	4·73	·240	·20
							II.—2. *Tubercular.*							
135	97	90	101	82	505	5,107	1. Scrofula,	6·95	5·00	4·63	5·20	3·66	·24	–
864	1,006	1,109	1,051	951	4,981	19,301	2. Tabes Mesenterica,	44·49	51·80	57·10	54·11	42·48	2·34	–
5,897	5,871	5,728	5,581	5,791	28,868	226,256	3. Phthisis (Cons. of Lungs),	303·63	302·30	294·93	287·36	258·65	13·58	–
433	465	481	489	526	2,394	19,922	4. Hydrocephalus (T. Men.),	22 30	23·93	24·77	25·18	23·50	1·13	–
							III.—1. *Nervous System.*							
1,161	1,282	1,397	1,330	1,317	6,487	30,342	1. Cephalitis,	59·78	66 01	71·93	68·48	58·82	3·05	–
973	1,225	1,233	1,220	1,301	5,952	20,752	2. Apoplexy,	50·10	63·08	63·49	62·82	58·11	2·80	–
1,173	1,249	1,277	1,146	1,235	6,080	29,588	3. Paralysis,	60·40	64 31	65·75	59·01	55·16	2·86	–
151	145	204	214	188	902	4,342	4. Insanity,	7·77	7·47	10·50	11·02	8·40	·43	–
12	1	–	1	3	17	140	5. Chorea,	·62	·05	–	·05	·13	·004	–
113	108	112	111	117	561	5,999	6. Epilepsy,	5·82	5·56	5·77	5·71	5·22	·26	–
20	28	24	22	25	119	777	7. Tetanus,	1·03	1·44	1·24	1·13	1·12	·056	–
794	861	847	886	889	4,277	24,072	8. Convulsions,	40·88	44·33	43·61	45·62	39·71	2 01	–
451	424	468	463	419	2,225	14,907	9. *Brain Diseases, etc.*,	23·22	21·83	24·10	23·84	18·71	1·05	–
							III.—2. *Organs of Circulation*							
126	109	95	118	113	561	1,847	1. Pericarditis,	6·49	5·61	4 89	6·08	5·05	·26	–
33	37	35	39	36	180	613	2. Aneurism,	1·70	1·91	1·80	2·01	1·61	·09	–
2,469	2,837	3,061	3,280	3,579	15,226	56,121	3. *Heart Diseases, etc.*,	127·13	146·07	157·61	168·88	159·85	7·16	–

* Including Cancer of Stomach, Liver, Uterus, etc. (See page 90.)

TABLE XI. — Continued.

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.					PERCENTAGE OF ALL DEATHS.	
1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.		1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.
							III. — 3. *Respiratory Organs.*							
2	5	3	3	7	20	74	1 Epistaxis, . . .	·10	·26	·15	·15	·31	·01	–
60	88	101	81	69	399	1,165	2. Laryngitis, . . .	3·09	4·53	5·20	4·17	3·09	·19	–
1,020	1,212	1,326	1,276	1,533	6,367	18,392	3. Bronchitis, . . .	52 51	62·41	68·28	65·70	68·47	3·00	–
100	104	118	95	113	530	4,825	4. Pleurisy, ...	5·15	5·35	6 07	4 89	5·05	·25	–
2,836	3,348	3,716	3,440	4,038	17,378	86,373	5. Pneumonia, . . .	146·03	172·39	191·33	177·13	180·35	8·17	–
77	106	92	85	86	446	2,910	6. Asthma, ...	3·97	5·46	4·74	4·38	3·84	·21	–
125	89	94	113	107	528	3,113	7. *Lung Diseases, etc.,* .	6·44	4·58	4·84	5·82	4·78	·25	–
							III. — 4. *Digestive Organs.*							
256	236	260	268	258	1,278	5,114	1. Gastritis, . . .	13·18	12·15	13·39	13·80	11·52	·60	–
587	622	670	710	763	3,352	15,953	2. Enteritis, . . .	30·22	32·03	34·50	36·56	34·08	1·58	–
320	387	415	462	484	2,068	6,026	3. Peritonitis, . . .	16·47	19·93	21·37	23·79	21·62	·97	–
22	23	23	22	12	102	567	4. Ascites, ...	1·14	1·19	1·19	1·13	·54	·05	–
25	36	44	34	33	172	737	5. Ulceration of Intestines,	1·29	1·85	2·26	1·75	1·47	·08	–
70	47	71	83	68	339	1,654	6. Hernia, ...	3·60	2·42	3·65	4·27	3·04	·16	–
89	109	108	126	113	545	3,229	7. Ileus, ...	4·58	5·61	5·56	6·49	5·05	26	–
14	23	22	16	11	86	380	8. Intussusception, . .	·72	1·19	1·13	·82	·49	·04	–
12	21	14	22	27	96	295	9. Stricture of Intestines, .	·62	1·08	·72	1·13	1·21	·05	–
7	9	4	4	7	31	147	10. Fistula, ...	36	·46	·20	·21	·31	·02	–
235	204	161	193	214	1,007	8,017	11. *Stomach Diseases, etc.,* .	12·10	10 50	8·29	9·94	9·56	·47	–
4	1	5	4	3	17	48	12. *Pancreas Disease,* . .	·21	·05	·26	·21	·13	·004	–

100	98	120	110	92	520	2,144	13. Hypatitis,	5·15	5·05	6·18	5·66	4·11	·25	–
38	68	67	86	65	324	1,910	14. Jaundice,	1·96	3·50	3·45	4·43	2·90	·15	–
259	298	300	268	281	1,406	8,073	15. *Liver Diseases, etc*,	13·34	15·34	15·45	13·80	12·55	·66	–
8	2	6	3	–	19	90	16. *Spleen Disease*,	·41	·10	·31	·15	–	·006	–
							III.—5. *Urinary Organs.*							
932	927	1,004	990	1,016	4,869	13,267	1. Nephritis (Bright's Dis.),	47·99	47·73	51·69	50·97	45·38	2.29	1·02
7	8	5	4	3	27	222	2. Ischuria,	·36	·41	·26	·21	·13	·01	·02
136	150	146	139	188	759	2,763	3. Diabetes,	7·00	7·72	7·52	7·16	8·40	·36	·21
15	17	9	14	6	61	894	4. Calculus (Gravel, etc.),	·77	·87	·46	·72	·27	·03	·07
133	139	115	125	148	660	1,883	5. Cystitis,	6·85	7·16	5·92	6·44	6·61	·31	·14
229	219	320	300	287	1,355	5,696	6. *Kidney Disease, etc.*,	11·79	11·28	16·48	15·44	12·82	·64	·44
							III.—6. *Generative Organs.*							
29	41	32	33	35	170	873	1. Ovarian Dropsy,	1·49	2·11	1·65	1·70	1·56	·08	·067
34	37	38	34	26	169	943	2. *Uterus Diseases, etc.*,	1·75	1·91	1·96	1·75	1·16	·08	·073
							III.—7. *Organs of Locomotion.*							
9	6	8	4	6	33	241	1. Arthritis,	·46	·31	·41	·21	·27	·015	·02
113	110	128	98	95	544	4,043	2. Joint Diseases,*	5·82	5·66	6·59	5·04	4·24	·255	·31
							III.—8. *Integumentary Syst'm*							
58	73	86	85	58	360	2,262	1. Phlegmon,	2·99	3·76	4·43	4·38	2·59	·17	·17
10	12	12	4	6	44	529	2. Ulcer,	·52	·62	·62	·21	·27	·02	·04
13	22	8	23	29	95	1,027	3. *Skin Diseases, etc.*,	·66	1·13	·41	1·18	1·29	·04	·08

* Including Disease of Spine and Hip Disease.

TABLE XI. — Concluded.

DEATHS.							CAUSES OF DEATH.	DEATHS TO 100,000 POPULATION.					PERCENTAGE OF ALL DEATHS.	
1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.		1886.	1887.	1888.	1889.	1890.	Five Yrs. 1886-90.	Forty-nine Yrs. and Eight Mos. end'g Dec. 31, 1890.
							IV. — 1. *Dev. Dis. of Children.*							
1,796	1,794	1,943	2,021	2,099	9,653	48,896	1. Still-born, . . .	92·48	92·37	100 05	104·06	93·75	4·54	3·76
769	826	859	911	861	4,226	44,045	2. Infantile, Premature, etc.,*	39·59	42·53	44·23	46·90	38·46	1·99	3·39
104	113	88	87	74	466	1,691	3. Cyanosis, . . .	5·36	5·82	4·53	4·48	3·30	·22	·13
20	26	36	31	35	148	487	4. Spina Bifida, . . .	1·03	1·34	1·85	1·60	1·56	·07	·04
59	73	73	74	59	338	1,442	5. Other Malformations, .	3·04	3·76	3·76	3·81	2·64	·16	·11
117	108	109	82	89	505	11,071	6. Teething, . . .	6·02	5·56	5·61	4·22	3·97	·24	·85
							IV. — 2. *Dev. Dis. of Adults.*							
5	7	4	2	2	20	148	1. Paramenia, . . .	·25	·36	·21	·10	·09	·01	·01
153	161	155	164	198	831	9,060	2. Childbirth,† . . .	7·88	8·29	7·98	8·45	8·85	·39	·70
							IV. — 3. *Dev. Dis. of Old People.*							
1,905	1,961	2,024	1,873	1,853	9,616	66,134	Old Age, ...	98·09	100·97	104·21	96·44	82·76	4·52	5·09
							IV. — 4. *Diseases of Nutrition.*							
918	1,030	932	1,149	1,225	5,254	18,960	1. Atrophy and Debility, .	47·27	53·04	47·99	59·16	54·71	2·47	1·46

							V. — 1. *Accid't or Negligence.*							
326	409	412	378	400	1,925		1. Fractures and Contusions,‡	16·79	21·06	21·21	19·46	17·87	·91	
–	31	–	–	–	31		2. Wounds, ...	–	1 60	–	–	–	·01	
107	100	113	130	134	584		3. Burns and Scalds, . .	5 51	5 15	5 82	6·69	5·98	·28	
52	44	62	52	63	273	44,755	4. Poison, ...	2 67	2 26	3 19	2·68	2·81	·13	3·45
372	375	349	350	366	1,812		5. Drown'g (and Lost at Sea),	19·15	19 31	17·97	18·02	16 35	·85	
91	132	114	127	141	605		6. Suffocat'n (and Strang'n),	4·69	6·80	5 87	6 54	6 30	·28	
54	108	51	34	49	296		7. Otherwise, . . .	2·78	5·56	2 63	1 75	2·19	·14	
370	324	384	435	463	1,976		8. Casualty,§ . . .	19·05	16 68	19·77	22·40	20 68	·93	
–	–	–	–	–	–	1,246	V. — 2. *Battle,* . . .	–	–	–	–	–	–	·10
20	16	16	12	18	82	784	V. — 3. *Homicide,* . . .	1·03	·87	·87	·62	·80	·04	·06
149	165	164	175	180	833	5,067	V. — 4. *Suicide,*‖ . . .	7·67	8·50	8·45	9 01	8 04	·39	·39
–	1	1	–	–	2	20	V. — 5. *Execution,* . .	–	–	–	–	–	–	–
5	9	2	1	4	21	819	Sudden (cause unknown), .	·26	·46	·10	·05	·18	·01	·06
447	489	536	489	515	2,476	39,270	Cause unk'wn or ill-defined,¶	23·02	25·18	27·60	25 17	23 00	1·16	3·02

* See note on page 104. † Not including Metria (Puerperal Fever). ‡ Including Railroad Accidents.
§ In preceding reports, until 1877, classed as V. — 6. ‖ Totals: *manner* not stated.
¶ Including deaths from "Hemorrhage," "Tumor," and "Inflammation."

TABLE XII. — *Causes of Death registered in Massachusetts for each of the Ten Years, 1881 to 1890.*

Class.	CAUSES OF DEATH.	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
	ALL CAUSES,	37,924	38,270	39,337	38,618	39,683	39,040	42,577	44,040	43,797	45,627
	SPECIFIED CAUSES,	37,259	37,680	38,657	38,083	39,183	38,588	42,057	43,502	43,308	45,108
	[CLASSES.]										
I.	ZYMOTIC DISEASES,	8,240	7,875	7,634	7,678	7,135	6,822	7,948	8,042	8,034	8,079
II.	CONSTITUTIONAL DISEASES,	8,693	8,698	8,810	8,681	8,922	8,919	9,104	9,167	9,000	9,211
III.	LOCAL DISEASES,	13,660	14,013	14,867	14,456	16,074	15,460	17,203	18,404	18,187	19,509
IV.	DEVELOPMENTAL DISEASES,	5,240	5,530	5,666	5,638	5,599	5,846	6,099	6,223	6,394	6,495
V.	VIOLENT DEATHS,	1,426	1,564	1,680	1,630	1,453	1,541	1,705	1,666	1,693	1,814
	[ORDERS]										
I.	1. MIASMATIC DISEASES,	7,921	7,558	7,312	7,338	6,817	6,472	7,581	7,645	7,638	7,637
	2. ENTHETIC DISEASES,	155	154	172	187	168	197	223	233	225	251
	3. DIETIC DISEASES,	153	155	140	143	141	138	131	160	163	183
	4. PARASITIC DISEASES,	11	8	10	10	9	15	13	4	8	8
II.	1. DIATHETIC DISEASES,	1,502	1,545	1,573	1,560	1,599	1,590	1,665	1,759	1,778	1,861
	2. TUBERCULAR DISEASES,	7,191	7,153	7,237	7,221	7,323	7,329	7,439	7,408	7,222	7,350
	DISEASES OF —										
III.	1. NERVOUS SYSTEM,	4,241	4,286	4,516	4,594	4,815	4,848	5,323	5,562	5,393	5,494
	2. ORGANS OF CIRCULATION,	2,169	2,271	2,421	2,380	2,518	2,628	2,983	3,191	3,437	3,728
	3. RESPIRATORY ORGANS,	4,172	4,199	4,379	3,945	4,982	4,220	4,952	5,450	5,093	5,953

	4. Digestive Organs,	1,727	1,819	1,969	1,989	2,068	2,046	2,184	2,290	2,411	2,431
	5. Urinary Organs,	1,053	1,147	1,209	1,265	1,367	1,452	1,460	1,599	1,572	1,648
	6. Organs of Generation,	68	73	81	57	83	63	78	70	67	61
	7. Organs of Locomotion,	110	147	174	128	116	122	116	136	102	101
	8. Integumentary System,	120	71	118	100	125	81	107	106	112	93
	Developmental Diseases of—										
IV.	1. Children,	2,422	2,558	2,600	2,668	2,631	2,865	2,940	3,108	3,206	3,217
	2 Adults,	232	215	219	179	208	158	168	159	166	200
	3. Old People,	1,816	2,024	1,968	1,957	2,007	1,905	1,961	2,024	1,873	1,853
	4. Diseases of Nutrition,	770	733	879	834	753	918	1,030	932	1,149	1,225
V.	1. Accident or Negligence,	1,241	1,381	1,498	1,428	1,256	1,372	1,523	1,485	1,506	1,616
	2. Battle,	–	–	–	–	–	–	–	–	–	–
	3. Homicide,	20	21	15	18	21	20	16	16	12	18
	4. Suicide,	165	162	167	184	176	149	165	164	175	180
	5. Execution,	–	–	–	–	–	–	1	1	–	–
	Sudden, Cause unascertained,	9	5	7	11	3	5	9	2	1	4
	Causes not stated, or ill-defined,	656	585	673	524	497	445	489	536	489	515

TABLE XII. — Continued.

Class.	CAUSES OF DEATH.	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
I.	ORDER 1.										
	1. Small-pox,	47	45	5	3	19	1	3	9	6	1
	2. Measles,	230	68	321	75	313	130	455	219	171	114
	3. Scarlatina,	397	318	575	627	587	331	594	504	185	196
	4. Diphtheria,	1,706	1,280	1,091	1,084	1,003	1,053	1,096	1,331	1,730	1,239
	5. Cerebro-spinal Meningitis,	157	166	169	161	140	103	128	171	149	157
	6. Quinsy,	18	21	36	15	26	14	38	29	18	22
	7 Croup,	677	491	530	562	520	505	532	500	484	387
	8. Whooping-cough,	217	265	137	410	184	271	232	245	310	363
	9. Typhoid Fever,	1,072	1,079	860	875	768	800	922	943	891	835
	10. Erysipelas,	253	252	261	191	212	175	184	213	176	174
	11. Metria (Puerperal Fever),	116	126	127	111	99	91	69	83	68	63
	12. Carbuncle,	14	15	10	12	16	14	12	5	9	11
	13 Influenza,	15	22	23	8	20	14	19	11	27	411
	14. Dysentery,	360	398	336	254	253	243	266	248	299	220
	15. Diarrhœa,	458	488	516	522	450	501	560	587	593	618
	16. Cholera Infantum,	1,861	2,159	1,941	2,081	1,852	1,931	2,131	2,195	2,156	2,491
	17. Cholera,	68	136	84	108	86	77	68	79	77	88
	18. Ague,	11	25	48	11	27	18	28	30	44	34
	19. Remittent Fever,	18	17	27	20	29	14	18	34	33	26
	20. Rheumatism,	226	187	215	208	213	186	226	209	212	187
	ORDER 2.										
	1. Syphilis,	64	61	57	62	38	51	57	48	54	67
	2. Stricture of Urethra,	4	2	9	4	2	3	2	1	1	2
	3. Hydrophobia,	3	-	-	-	-	-	-	2	14	17
	4. Glanders,	-	-	-	-	1	1	2	-	1	-

	5. Malignant Pustule,	4	–	3	2	1	1	3	1	–	2
	6. Septicæmia,	80	91	103	119	126	141	159	181	155	163
	ORDER 3.										
	1. Privation,	6	4	–	–	–	–	2	6	3	1
	2. Purpura and Scurvy,	24	25	27	18	19	30	18	28	38	31
	3 Delirium Tremens, } Alcoholism,	26	35	32	26	32	11	18	17	15	19
	4. Intemperance, } Alcoholism,	97	91	81	99	90	97	93	109	107	132
	ORDER 4.										
	1. Thrush,	9	6	7	7	6	9	7	3	6	6
	2. Worms,	2	2	3	3	3	6	6	1	2	2
II.	ORDER 1.										
	1. Gout,	1	–	1	7	1	3	–	2	2	–
	2. Dropsy,	292	313	296	234	244	219	212	204	161	175
	3. Anæmia,	139	155	147	150	168	157	170	155	161	184
	4. Cancer,	949	987	1,026	1,060	1,087	1,104	1,174	1,275	1,325	1,387
	5. Noma (Canker),	31	15	18	23	14	19	12	19	11	9
	6. Mortification,	90	75	85	86	85	88	97	104	118	106
	ORDER 2.										
	1. Scrofula,	123	96	105	97	104	135	97	90	101	82
	2. Tabes Mesenterica,	692	715	735	786	809	864	1,006	1,109	1,051	951
	3. Phthisis (Consumption),	5,886	5,865	5,931	5,798	5,955	5,897	5,871	5,728	5,581	5,791
	4. Hydrocephalus (Tubercular Meningitis),	490	477	466	440	455	433	465	481	489	526
III.	ORDER 1.										
	1. Cephalitis,	1,058	1,024	1,065	1,111	1,165	1,161	1,282	397	1,330	1,317
	2. Apoplexy,	718	706	784	857	1,003	973	1,225	1,233	1,220	1,301
	3. Paralysis,	998	1,047	1,056	1,119	1,132	1,173	1,249	1,277	1,146	1,235
	4. Insanity,	129	153	183	166	188	151	145	204	214	188

TABLE XII. — Continued.

Class.	CAUSES OF DEATH.	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
III.	ORDER 1. — Con.										
	5. Chorea,	6	3	6	4	11	12	1	–	1	3
	6. Epilepsy,	168	130	134	115	113	113	108	112	111	117
	7. Tetanus,	18	58	34	22	17	20	28	24	22	25
	8. Convulsions,	665	676	745	744	712	794	861	847	886	889
	9. *Brain Diseases, etc.*,	481	489	509	456	474	451	424	468	463	419
	ORDER 2.										
	1 Pericarditis,	121	102	116	109	102	126	109	95	118	113
	2. Aneurism,	31	33	31	23	35	33	37	35	39	36
	3. *Heart Diseases, etc*,	2,017	2,136	2,274	2,248	2,381	2,469	2,837	3,061	3,280	3,579
	ORDER 3.										
	1. Epistaxis,	2	5	9	3	6	2	5	3	3	7
	2. Laryngitis,	61	44	68	57	64	60	88	101	81	69
	3. Bronchitis,	843	867	934	949	1,131	1,020	1,212	1,326	1,276	1,533
	4. Pleurisy,	101	116	104	69	138	100	104	118	95	113
	5. Pneumonia,	2,967	2,932	3,045	2,646	3,468	2,836	3,348	3,716	3,440	4,038
	6. Asthma,	132	143	125	109	71	77	106	92	85	86
	7. *Lung Diseases, etc.*,	66	92	94	110	104	125	89	94	113	107
	ORDER 4.										
	1. Gastritis,	246	200	247	275	247	256	236	260	268	258
	2. Enteritis,	456	528	523	549	608	587	622	670	710	763
	3. Peritonitis,	284	307	339	307	350	320	387	415	462	484
	4. Ascites,	26	24	20	18	29	22	23	23	22	12
	5. Ulceration of Intestines,	21	26	21	29	25	25	36	44	34	33

6. Hernia,	58	53	65	51	64	70	47	71	83	68
7. Ileus,	66	90	79	80	89	89	109	108	126	113
8. Intussusception,	23	12	20	16	12	14	23	22	16	11
9. Stricture of Intestines,	20	11	13	17	17	12	21	14	22	27
10. Fistula,	2	5	7	8	6	7	9	4	4	7
11. *Stomach Diseases, etc.*,	212	213	238	235	233	235	204	161	193	214
12 *Pancreas Disease*,	2	7	4	4	5	4	1	5	4	3
13. Hepatitis,	97	93	89	85	93	100	98	120	110	92
14. Jaundice,	55	35	52	48	41	38	68	67	86	65
15. *Liver Diseases, etc.*,	151	213	248	265	246	259	298	300	268	281
16. *Spleen Diseases, etc.*,	8	2	4	2	3	8	2	6	3	–
ORDER 5.										
1. Nephritis (Bright's Disease, etc.),	692	725	770	818	884	932	927	1,004	990	1,016
2. Ischuria,	8	13	2	11	2	7	8	5	4	3
3. Diabetes,	90	110	101	99	116	136	150	146	139	188
4. Calculus (Gravel, etc.),	21	20	15	19	9	15	17	9	14	6
5. Cystitis,	91	104	104	104	105	133	139	115	125	148
6. *Kidney Diseases, etc.*,	151	175	217	214	244	229	219	320	300	287
ORDER 6.										
1. Ovarian Dropsy,	34	32	44	24	51	29	41	32	33	35
2. *Uterus Diseases, etc*,	34	41	37	33	32	34	37	38	34	26
ORDER 7.										
1. Arthritis,	4	6	2	4	7	9	6	8	4	6
2. *Joint Diseases, etc*,	106	141	172	124	109	113	110	128	98	95
ORDER 8.										
1. Phlegmon,	86	50	70	70	83	58	73	86	85	58
2. Ulcer,	18	8	25	11	16	10	12	12	4	6
3. *Skin Diseases, etc.*,	16	13	23	19	26	13	22	8	23	29

TABLE XII. — Concluded.

Class.	CAUSES OF DEATH.	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890
	ORDER 1.										
IV.	1. Still-born,	1,466	1,485	1,589	1,628	1,589	1,796	1,794	1,943	2,021	2,099
	2. Infantile, Premature, etc.,	612	743	699	724	697	769	826	859	911	861
	3. Cyanosis,	67	79	88	86	119	104	113	88	87	74
	4. Spina Bifida,	25	22	23	22	28	20	26	36	31	35
	5. Other Malformations,	59	57	74	66	69	59	73	73	74	59
	6. Teething,	193	172	127	142	129	117	108	109	82	89
	ORDER 2.										
	1. Paramenia,	5	4	6	6	2	5	7	4	2	2
	2. Childbirth,	227	211	213	173	206	153	161	155	164	198
	ORDER 3.										
	1. Old Age,	1,816	2,024	1,968	1,957	2,007	1,905	1,961	2,024	1,873	1,853
	ORDER 4.										
	1. Atrophy and Debility,	770	733	879	834	753	918	1,030	932	1,149	1,225
V.	ORDER 1. (ACCIDENT OR NEGLIGENCE.)										
	1. Fractures and Contusions,	279	301	289	295	283	326	409	412	378	400
	2. Wounds,	–	–	–	–	–	–	31	–	–	–
	3. Burns and Scalds,	101	107	106	112	110	107	100	113	130	134
	4. Poison,	48	52	41	41	49	52	44	62	52	63
	5. Drowning (and Lost at Sea),	276	355	448	426	295	372	375	349	350	366

6. Suffocation (and Strangulation),	78	64	90	112	90	91	132	114	127	141
7. Otherwise,	50	74	81	51	52	54	108	51	34	49
8. Casualty,	409	428	443	391	377	370	324	384	435	463
ORDER 2.										
1. Battle,	–	–	–	–	–	–	–	–	–	–
ORDER 3.										
1. Homicide,	20	21	15	18	21	20	16	16	12	18
ORDER 4.										
1. Suicide,	165	162	167	184	176	149	165	164	175	180
ORDER 5.										
1. Execution,	–	–	–	–	–	–	1	1	–	–
Sudden, cause unascertained,	9	5	7	11	3	5	9	2	1	4
Causes not specified,	656	585	673	524	497	447	489	536	489	515

TABLE XIII. — DEATHS IN EACH TOWN

THE STATE AND COUNTIES.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
MASSACHUSETTS,	2,238,943	1	114	196	1,626	157	363	835	174
BARNSTABLE,	29,172	-	4	3	3	3	2	13	2
BERKSHIRE,	81,108	-	4	25	48	15	19	35	6
BRISTOL,	186,465	-	13	3	101	13	44	56	12
DUKES,	4,369	-	-	-	-	-	-	-	-
ESSEX,	299,995	-	18	16	268	20	72	139	26
FRANKLIN,	38,610	-	-	1	14	5	2	10	3
HAMPDEN,	135,713	-	14	13	138	13	14	65	10
HAMPSHIRE,	51,859	-	-	2	76	2	12	15	2
MIDDLESEX,	431,167	-	7	43	210	32	62	213	37
NANTUCKET,	3,268	-	-	-	-	-	-	-	-
NORFOLK,	118,950	-	2	7	96	3	15	26	5
PLYMOUTH,	92,700	-	3	2	40	4	16	24	11
SUFFOLK,	484,780	1	42	48	473	27	72	156	42
WORCESTER,	280,787	-	7	33	159	20	33	83	18
BARNSTABLE CO.,	29,172	-	4	3	3	3	2	13	2
Barnstable,	4,023	-	-	-	1	-	-	2	-
Bourne,	1,442	-	-	-	-	-	-	-	-
Brewster,	1,003	-	-	-	-	-	-	-	-
Chatham,	1,954	-	-	1	-	-	-	1	-
Dennis,	2,899	-	-	1	-	-	-	3	-
Eastham,	602	-	-	-	-	-	-	1	-
Falmouth,	2,567	-	-	-	1	-	1	-	-
Harwich,	2,734	-	-	-	1	-	-	2	1
Mashpee,	298	-	1	-	-	-	-	-	-
Orleans,	1,219	-	-	-	-	-	1	-	-
Provincetown,	4,642	-	2	1	-	2	-	3	1
Sandwich,	1,819	-	-	-	-	-	-	-	-
Truro,	919	-	-	-	-	-	-	-	-
Wellfleet,	1,291	-	1	-	-	-	-	-	-
Yarmouth,	1,760	-	-	-	-	1	-	1	-
BERKSHIRE CO.,	81,108	-	4	25	48	15	19	35	6
Adams,	9,213	-	-	-	2	3	2	6	-
Alford,	297	-	-	-	-	-	-	-	-
Becket,	946	-	-	-	1	-	-	-	-
Cheshire,	1,308	-	-	-	-	-	-	-	-
Clarksburg,	884	-	-	1	-	-	-	1	-
Dalton,	2,885	-	1	-	1	1	-	4	1
Egremont,	845	-	-	-	1	-	-	1	1
Florida,	436	-	-	-	-	-	-	-	-
Great Barrington,	4,612	-	-	-	-	-	-	-	-
Hancock,	506	-	-	1	5	-	-	-	-
Hinsdale,	1,739	-	-	2	5	-	-	-	2
Lanesborough,	1,018	-	-	-	-	-	-	1	-
Lee,	3,785	-	-	-	-	-	-	2	-

FROM SPECIAL CAUSES IN 1890.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
63	198	220	618	88	2,491	5,791	4,038	1,533	1,301	1,616	18	180	151
2	4	4	6	-	13	68	48	8	20	18	-	4	1
2	6	6	14	3	79	167	166	55	53	64	1	11	4
3	8	37	50	9	295	435	292	179	117	112	1	13	11
-	1	3	-	-	2	11	7	3	3	4	-	1	-
6	15	32	91	16	326	738	586	149	156	298	1	23	8
-	3	1	6	-	24	68	51	21	26	22	-	6	-
12	11	8	40	5	196	338	269	84	73	96	-	7	5
1	4	14	24	3	41	106	103	20	37	24	1	4	-
11	29	35	108	15	484	1,057	694	294	220	233	-	20	18
-	-	-	1	-	-	9	1	-	5	3	1	1	1
2	8	5	31	-	88	248	176	51	50	88	1	15	7
2	13	12	13	3	79	209	104	51	54	37	-	4	3
17	66	35	187	24	538	1,687	1,089	466	333	440	12	52	86
5	30	28	47	10	326	650	452	152	154	177	-	19	7
2	4	4	6	-	13	68	48	8	20	18	-	4	1
1	-	-	1	-	3	8	12	1	3	3	-	2	-
-	-	-	-	-	1	3	1	-	1	1	-	-	-
-	-	-	1	-	-	-	1	-	1	1	-	-	-
-	-	1	-	-	1	9	2	1	4	1	-	-	-
-	2	-	1	-	4	11	5	1	1	1	-	1	-
-	-	-	-	-	-	1	3	-	-	-	-	-	-
-	-	-	1	-	1	6	3	1	-	1	-	-	-
1	-	1	-	-	-	7	3	-	1	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	-	-	1	-	-	1	1	-	-	1	-	-	1
-	-	1	-	-	-	11	4	2	2	5	-	-	-
-	-	-	1	-	-	4	3	* 1	1	1	-	-	-
-	1	1	-	-	3	-	3	-	-	-	-	1	-
-	1	-	-	-	-	6	1	1	2	-	-	-	-
-	-	-	-	-	-	1	6	-	4	2	-	-	-
2	6	6	14	3	79	167	166	55	53	64	1	11	4
1	-	-	3	-	14	21	15	6	6	2	-	2	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	2	3	-	-	1	-	-	-
-	-	1	-	-	-	2	4	-	1	-	-	-	-
-	-	-	-	-	4	2	1	-	-	1	-	-	-
-	1	1	-	-	1	5	6	1	1	3	-	-	2
-	-	-	-	-	1	1	-	-	-	-	-	-	-
-	1	-	-	1	-	1	1	-	-	1	-	-	-
-	-	1	1	-	4	13	7	-	1	3	-	-	1
-	-	-	-	-	-	2	-	-	1	-	-	-	-
-	-	-	1	1	1	5	5	1	2	3	1	1	-
-	-	-	-	-	-	-	1	-	1	1	-	-	-
-	-	1	-	-	6	6	7	3	3	5	-	1	-

TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
Berkshire — Con.									
Lenox,	2,889	-	-	-	-	-	-	-	-
Monterey,	495	-	-	-	-	-	1	-	-
Mount Washington,	148	-	-	-	-	-	-	-	-
New Ashford,	125	-	-	-	-	-	-	1	-
New Marlborough,	1,305	-	-	-	-	1	-	1	-
North Adams,	16,074	-	2	10	7	-	10	6	-
Otis,	583	-	-	-	-	-	-	-	-
Peru,	305	-	-	-	-	-	-	-	-
Pittsfield,	17,281	-	-	8	26	8	4	8	1
Richmond,	796	-	-	-	-	-	-	-	-
Sandisfield,	807	-	-	1	-	-	-	2	-
Savoy,	569	-	-	-	-	-	-	-	1
Sheffield,	1,954	-	-	-	-	1	-	-	-
Stockbridge,	2,132	-	1	-	-	-	-	-	-
Tyringham,	412	-	-	-	-	-	-	-	-
Washington,	434	-	-	-	-	-	-	1	-
West Stockbridge,	1,492	-	-	2	-	-	2	1	-
Williamstown,	4,221	-	-	-	-	1	-	-	-
Windsor,	612	-	-	-	-	-	-	-	-
BRISTOL Co.,	186,465	-	13	3	101	13	44	56	12
Acushnet,	1,027	-	-	-	-	-	-	-	-
Attleborough,	7,577	-	1	-	1	-	1	2	-
Berkley,	894	-	-	-	-	-	-	-	-
Dartmouth,	3,122	-	-	-	-	-	-	-	-
Dighton,	1,889	-	-	-	2	-	-	-	-
Easton,	4,493	-	-	-	12	-	-	-	-
Fairhaven,	2,919	-	-	-	-	-	-	-	-
Fall River,	74,398	-	2	2	51	6	27	40	6
Freetown,	1,417	-	-	-	4	1	1	-	1
Mansfield,	3,432	-	-	1	5	-	-	1	1
New Bedford,	40,733	-	2	-	13	4	5	8	2
North Attleborough,	6,727	-	-	-	2	1	-	1	-
Norton,	1,785	-	-	-	-	-	-	1	2
Raynham,	1,340	-	1	-	-	-	-	-	-
Rehoboth,	1,786	-	-	-	-	-	-	-	-
Seekonk,	1,317	-	-	-	-	-	-	-	-
Somerset,	2,106	-	-	-	1	-	-	-	-
Swanzey,	1,456	-	1	-	-	-	-	1	-
Taunton,	25,448	-	6	-	9	1	10	1	-
Westport,	2,599	-	-	-	1	-	-	1	-
DUKES Co.,	4,369	-	-	-	-	-	-	-	-
Chilmark,	353	-	-	-	-	-	-	-	-
Cottage City,	1,080	-	-	-	-	-	-	-	-
Edgartown,	1,156	-	-	-	-	-	-	-	-
Gay Head,	139	-	-	-	-	-	-	-	-
Gosnold,	135	-	-	-	-	-	-	-	-
Tisbury,	1,506	-	-	-	-	-	-	-	-
ESSEX Co.,	299,995	-	18	16	268	20	72	139	26
Amesbury,	9,798	-	-	-	11	1	1	3	-
Andover,	6,142	-	-	-	6	-	-	-	-
Beverly,	10,821	-	1	-	1	-	2	2	-
Boxford,	865	-	-	-	-	-	1	-	-

Deaths in each Town from Special Causes.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
-	1	-	-	-	3	3	3	2	2	1	-	-	-
-	-	-	2	-	-	2	2	-	-	2	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	2	-	-	2	4	2	1	1	-	-	-
-	1	-	3	-	15	37	44	9	4	14	-	2	1
-	-	-	-	-	-	2	1	2	-	-	-	-	-
-	-	-	-	-	-	2	1	-	-	-	-	-	-
1	2	1	2	-	17	38	27	20	15	13	-	4	-
-	-	-	-	-	-	-	6	-	1	-	-	-	-
-	-	-	-	-	-	1	1	1	3	1	-	-	-
-	-	-	-	-	-	2	-	-	-	-	-	-	-
-	-	-	-	-	1	3	2	4	1	1	-	-	-
-	-	-	-	1	-	2	4	-	2	1	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	1	1	15	3	2	5	-	-	-
-	-	-	-	-	11	9	6	1	5	4	-	-	-
-	-	1	-	-	-	-	-	-	-	1	-	-	-
3	8	37	50	9	295	435	292	179	117	112	1	13	11
-	-	-	-	-	-	-	1	1	6	-	-	-	-
-	-	3	-	1	3	14	12	3	1	8	-	-	-
-	-	-	-	-	-	1	2	1	-	1	-	-	-
-	-	2	-	-	2	10	2	2	3	-	-	-	-
-	-	2	-	-	1	3	2	2	3	1	-	-	-
1	-	-	2	-	2	8	2	4	-	-	-	-	-
-	-	1	-	-	1	10	5	1	4	1	-	-	-
1	3	16	31	4	185	209	129	84	22	52	1	4	6
-	-	-	1	-	-	1	1	-	3	-	-	3	-
-	1	-	-	-	-	-	2	-	4	2	-	-	-
-	3	-	5	1	60	92	62	50	40	25	-	5	4
-	-	2	-	-	7	17	7	2	4	3	-	-	-
-	-	-	-	-	3	1	5	-	-	2	-	-	-
-	-	-	-	-	-	1	2	-	2	1	-	-	-
-	-	2	-	-	1	1	2	-	-	-	-	-	-
-	-	1	1	-	2	1	1	1	3	-	-	-	-
-	-	2	-	-	-	2	3	3	1	1	-	-	-
-	-	1	-	-	-	3	4	-	-	-	-	-	-
-	1	5	10	3	27	56	44	24	18	14	-	1	1
1	-	-	-	-	1	5	4	1	3	1	-	-	-
-	1	3	-	-	2	11	7	3	3	4	-	1	-
-	-	-	-	-	-	1	1	1	1	-	-	-	-
-	-	1	-	-	-	3	1	-	1	-	-	1	-
-	-	1	-	-	1	2	2	2	-	-	-	-	-
-	-	-	-	-	1	1	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1	-	-	-
-	1	1	-	-	-	4	3	-	1	3	-	-	-
6	15	32	91	16	326	738	586	149	156	298	1	23	8
-	-	1	2	-	13	19	19	8	6	6	-	1	-
-	1	-	1	-	4	12	6	4	5	-	-	1	-
-	1	1	-	-	14	21	20	6	7	2	-	2	-
-	-	-	-	-	-	3	1	1	-	1	-	-	-

TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
Essex — Con.									
Bradford,	3,720	-	-	-	4	1	1	5	-
Danvers,	7,454	-	-	-	-	-	-	2	6
Essex,	1,713	-	-	-	-	-	-	-	-
Georgetown,	2,117	-	-	-	-	-	1	-	-
Gloucester,	24,651	-	-	1	7	-	4	3	1
Groveland,	2,191	-	-	-	1	-	-	1	-
Hamilton,	961	-	1	-	1	-	-	-	-
Haverhill,	27,412	-	-	6	30	4	1	11	3
Ipswich,	4,439	-	-	-	2	-	1	2	-
Lawrence,	44,654	-	11	2	78	5	19	60	4
Lynn,	55,727	-	-	5	36	2	3	11	4
Lynnfield,	787	-	-	-	-	-	-	-	-
Manchester,	1,789	-	-	-	-	-	1	-	-
Marblehead,	8,202	-	-	-	6	-	-	4	-
Merrimac,	2,633	-	-	-	1	-	-	-	-
Methuen,	4,814	-	-	-	4	-	-	2	-
Middleton,	924	-	1	-	-	-	-	-	-
Nahant,	880	-	-	-	-	-	-	-	1
Newbury,	1,427	-	-	-	2	-	-	-	-
Newburyport,	13,947	-	-	-	25	1	1	6	-
North Andover,	3,742	-	-	-	10	1	4	3	-
Peabody,	10,158	-	1	-	5	-	3	3	1
Rockport,	4,087	-	-	-	4	2	-	2	1
Rowley,	1,248	-	-	-	-	-	-	1	-
Salem,	30,801	-	3	2	21	-	27	12	4
Salisbury,	1,316	-	-	-	6	1	-	2	-
Saugus,	3,673	-	-	-	5	1	-	-	-
Swampscott,	3,198	-	-	-	-	1	1	2	1
Topsfield,	1,022	-	-	-	1	-	-	-	-
Wenham,	886	-	-	-	-	-	-	1	-
West Newbury,	1,796	-	-	-	1	-	1	1	-
FRANKLIN CO.,	38,610	-	-	1	14	5	2	10	3
Ashfield,	1,025	-	-	-	1	-	-	-	-
Bernardston,	770	-	-	-	-	1	-	-	-
Buckland,	1,570	-	-	-	1	-	-	1	-
Charlemont,	972	-	-	-	-	1	-	1	1
Colrain,	1,671	-	-	1	-	-	-	1	-
Conway,	1,451	-	-	-	-	-	-	1	-
Deerfield,	2,910	-	-	-	-	1	-	1	-
Erving,	972	-	-	-	-	-	-	-	-
Gill,	960	-	-	-	3	-	-	1	-
Greenfield,	5,252	-	-	-	-	-	-	2	1
Hawley,	515	-	-	-	-	-	-	-	-
Heath,	503	-	-	-	-	-	-	-	-
Leverett,	702	-	-	-	-	-	-	1	-
Leyden,	407	-	-	-	1	-	-	-	-
Monroe,	282	-	-	-	-	-	-	-	-
Montague,	6,296	-	-	-	7	1	1	-	-
New Salem,	856	-	-	-	-	-	-	-	-
Northfield,	1,869	-	-	-	-	-	-	-	1
Orange,	4,568	-	-	-	1	-	-	-	-
Rowe,	541	-	-	-	-	-	-	-	-
Shelburne,	1,553	-	-	-	-	1	-	1	-
Shutesbury,	453	-	-	-	-	-	-	-	-
Sunderland,	663	-	-	-	-	-	-	-	-
Warwick,	565	-	-	-	-	-	-	-	-
Wendell,	505	-	-	-	-	-	-	-	-
Whately,	779	-	-	-	-	-	1	-	-

Deaths in each Town from Special Causes.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
-	1	-	-	-	5	10	5	1	2	2	-	-	-
-	1	1	1	-	4	18	21	4	9	6	-	2	-
-	-	-	-	-	2	4	1	-	-	2	-	1	-
-	-	-	2	-	1	9	2	1	1	3	-	-	-
-	3	2	4	1	21	48	28	3	8	104	-	-	-
-	-	-	-	-	1	9	1	-	-	2	-	-	-
-	-	2	2	-	-	1	2	-	-	-	-	-	-
-	1	3	12	2	38	64	44	9	21	17	-	2	1
-	-	-	1	-	4	16	15	3	-	-	-	-	-
5	1	9	6	4	96	114	117	28	19	49	1	4	1
1	4	5	16	4	42	160	96	31	28	36	-	2	2
-	-	-	-	-	-	1	-	-	-	1	-	-	-
-	-	-	-	-	-	2	2	-	5	-	-	-	-
-	-	1	2	-	3	22	22	-	1	6	-	-	-
-	-	-	1	-	1	5	5	2	2	-	-	1	-
-	-	-	4	-	4	15	16	1	1	10	-	1	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	-	-	1	-	1	1	-	-	-	-	-	-
-	-	-	-	-	-	2	-	-	-	-	-	-	1
-	1	2	1	2	12	36	36	10	9	7	-	2	-
-	-	-	1	-	3	7	2	1	1	4	-	1	-
-	-	1	3	1	13	28	10	4	1	9	-	1	-
-	-	-	-	1	6	14	8	2	-	1	-	-	1
-	-	-	-	-	-	1	3	1	1	-	-	-	-
-	-	1	29	-	35	73	86	23	19	24	-	2	1
-	-	1	1	-	2	2	3	-	2	2	-	-	-
-	-	1	-	-	2	6	3	2	2	1	-	-	1
-	1	-	1	-	-	6	4	2	3	3	-	-	-
-	-	-	-	-	-	4	1	1	-	-	-	-	-
-	-	-	-	-	-	1	1	-	1	-	-	-	-
-	-	1	1	-	-	4	4	1	2	-	-	-	-
-	3	1	6	-	24	68	51	21	26	22	-	6	-
-	-	-	-	-	-	3	2	1	2	-	-	-	-
-	-	-	-	-	1	2	3	-	1	-	-	1	-
-	-	-	-	-	1	4	6	1	1	-	-	-	-
-	-	-	-	-	-	1	1	-	-	-	-	-	-
-	-	-	-	-	1	3	5	1	-	1	-	-	-
-	1	-	-	-	2	-	2	-	2	1	-	1	-
-	-	-	-	-	-	11	3	1	3	1	-	1	-
-	-	-	-	-	-	3	-	-	1	2	-	-	-
-	-	-	-	-	1	1	-	-	-	2	-	2	-
-	1	-	3	-	3	5	5	2	4	4	-	-	-
-	-	-	-	-	-	2	-	-	-	1	-	-	-
-	-	-	-	-	-	-	-	1	-	-	-	-	-
-	-	-	-	-	-	2	1	2	1	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	1	-	1	-	1	-	-	-
-	-	-	3	-	10	10	6	8	-	5	-	-	-
-	-	-	-	-	-	2	3	-	-	-	-	-	-
-	-	-	-	-	-	-	1	-	3	3	-	-	-
-	-	1	-	-	4	8	6	2	-	1	-	1	-
-	-	-	-	-	-	-	-	-	1	-	-	-	-
-	-	-	-	-	1	1	3	1	2	-	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	-	-	-	-	2	-	-	-	-	-	-	-
-	-	-	-	-	-	3	-	-	3	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	2	4	-	2	-	-	-	-

TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
HAMPDEN Co.,	135,713	-	14	13	138	13	14	65	10
Agawam,	2,352	-	-	2	-	-	-	1	-
Blandford,	871	-	-	-	-	1	-	-	-
Brimfield,	1,096	-	-	-	1	-	-	-	-
Chester,	1,295	-	-	-	-	-	-	-	-
Chicopee,	14,050	-	4	-	16	2	-	12	1
Granville,	1,061	-	-	-	-	-	-	-	-
Hampden,	831	-	-	-	-	-	-	1	-
Holland,	201	-	-	-	-	-	-	-	-
Holyoke,	35,637	-	2	-	46	4	5	27	5
Longmeadow,	2,183	-	-	-	-	-	-	1	2
Ludlow,	1,939	-	-	-	3	-	-	-	-
Monson,	3,650	-	-	-	1	-	-	-	-
Montgomery,	266	-	-	-	4	-	-	-	-
Palmer,	6,520	-	-	-	9	-	-	2	-
Russell,	879	-	-	-	-	-	-	2	-
Southwick,	914	-	-	-	-	-	-	-	-
Springfield,	44,179	-	6	8	43	5	6	14	2
Tolland,	393	-	-	-	3	-	-	-	-
Wales,	700	-	-	-	-	-	-	-	-
Westfield,	9,805	-	1	1	5	-	-	4	-
West Springfield,	5,077	-	-	2	7	-	3	-	-
Wilbraham,	1,814	-	1	-	-	1	-	1	
HAMPSHIRE Co.,	51,859	-	-	2	76	2	12	15	2
Amherst,	4,512	-	-	-	4	-	-	1	-
Belchertown,	2,120	-	-	-	1	-	-	3	-
Chesterfield,	608	-	-	-	-	-	-	-	-
Cummington,	787	-	-	-	-	-	-	-	1
Easthampton,	4,395	-	-	1	32	-	-	-	1
Enfield,	952	-	-	-	-	-	-	-	-
Goshen,	297	-	-	-	-	-	-	-	-
Granby,	765	-	-	-	-	-	-	-	-
Greenwich,	526	-	-	-	-	-	-	1	-
Hadley,	1,669	-	-	-	8	-	-	-	-
Hatfield,	1,246	-	-	-	-	-	-	-	-
Huntington,	1,385	-	-	-	1	-	-	-	-
Middlefield,	455	-	-	-	-	-	-	-	-
Northampton,	14,990	-	-	-	14	-	3	2	-
Pelham,	486	-	-	-	-	-	-	1	-
Plainfield,	435	-	-	-	-	-	-	-	-
Prescott,	376	-	-	-	-	-	-	-	-
Southampton,	1,017	-	-	-	-	-	-	-	-
South Hadley,	4,261	-	-	-	10	1	1	3	-
Ware,	7,329	-	-	1	3	-	3	1	-
Westhampton,	477	-	-	-	-	-	-	-	-
Williamsburg,	2,057	-	-	-	3	1	5	3	-
Worthington,	714	-	-	-	-	-	-	-	-
MIDDLESEX Co.,	431,167	-	7	43	210	32	62	213	37
Acton,	1,897	-	-	-	1	-	-	-	-
Arlington,	5,629	-	1	1	-	3	-	-	-
Ashby,	825	-	-	-	-	-	-	-	-
Ashland,	2,532	-	-	1	2	-	-	-	-
Ayer,	2,148	-	-	-	1	-	-	-	-
Bedford,	1,092	-	-	-	-	-	-	-	-
Belmont,	2,098	-	-	-	1	-	-	-	-

Deaths in each Town from Special Causes.

Metritis (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
12	11	8	40	5	196	338	269	84	73	96	-	7	5
-	-	-	-	-	3	8	8	4	1	3	-	-	-
-	-	-	-	-	3	-	1	-	2	-	-	-	-
-	-	-	-	1	-	1	2	-	3	-	-	-	-
-	-	-	-	-	-	2	1	-	1	-	-	-	-
2	1	-	9	-	33	60	22	8	5	7	-	1	1
-	1	-	-	-	-	1	-	1	1	1	-	-	-
-	-	-	-	-	-	1	-	-	-	-	-	1	1
-	-	-	-	-	-	1	-	-	-	1	-	-	-
3	2	1	16	1	66	86	58	38	16	35	-	1	-
-	-	-	-	-	4	4	2	3	2	-	-	-	-
-	-	-	-	-	1	-	7	-	1	2	-	-	1
-	-	-	-	-	2	6	2	2	6	3	-	-	-
-	-	-	-	-	-	-	1	-	-	-	-	-	-
-	-	3	1	-	12	14	8	2	3	7	-	-	-
-	-	-	1	-	-	4	2	-	-	1	-	-	-
-	-	-	-	-	-	1	1	1	1	-	-	-	-
6	5	2	13	1	54	109	110	22	22	26	-	3	2
-	-	-	-	-	2	1	1	-	-	-	-	-	-
-	-	1	-	-	-	1	-	1	1	-	-	-	-
1	2	1	-	2	10	15	33	1	6	4	-	1	-
-	-	-	-	-	5	17	8	-	1	6	-	-	-
-	-	-	-	-	1	6	2	1	1	-	-	-	-
1	4	14	24	3	41	106	103	20	37	24	1	4	-
-	-	-	-	-	2	11	4	1	6	1	1	-	-
-	-	-	2	-	1	5	9	2	2	1	-	-	-
-	-	-	-	-	1	3	-	2	-	-	-	-	-
-	-	-	1	-	-	1	-	-	-	-	-	1	-
-	1	3	2	-	2	18	12	1	4	1	-	-	-
-	-	-	-	-	2	3	2	-	-	1	-	1	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	1	-	-	-	-	-	1	1	4	-	-	-	-
-	-	-	-	-	-	-	2	-	1	-	-	-	-
-	-	-	1	1	-	3	1	-	2	2	-	-	-
-	1	1	-	-	-	5	-	1	-	1	-	-	-
-	-	-	1	-	2	3	5	-	-	2	-	-	-
-	-	-	-	-	-	2	1	-	-	-	-	-	-
-	-	2	4	-	13	32	34	6	12	6	-	1	-
-	1	-	1	-	-	-	1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	2	-	-	-	-
-	-	-	-	-	-	1	1	-	-	1	-	-	-
-	-	1	-	-	-	2	-	1	-	1	-	-	-
-	-	2	1	-	3	3	14	1	-	-	-	-	-
1	-	4	10	1	13	9	12	4	2	7	-	-	-
-	-	-	1	-	-	-	-	-	1	-	-	-	-
-	-	1	-	1	2	3	3	-	1	-	-	-	-
-	-	-	-	-	-	2	1	-	-	-	-	1	-
11	29	35	108	15	484	1,057	694	294	220	233	-	20	18
-	-	1	-	-	1	8	4	2	-	-	-	-	-
-	-	2	-	-	4	17	9	-	3	2	-	2	-
-	-	-	-	-	-	1	-	-	-	-	-	-	-
-	-	-	1	-	2	2	-	1	1	1	-	-	1
-	-	-	-	-	3	1	6	-	4	5	-	-	-
-	-	1	-	-	-	1	2	-	-	4	-	-	-
-	-	-	-	-	1	3	2	-	-	1	-	-	-

TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
Middlesex — Con.									
Billerica,	2,380	-	-	1	-	-	1	-	—
Boxborough,	325	-	-	-	-	-	-	-	—
Burlington,	617	-	-	-	-	-	-	-	—
Cambridge,	70,028	-	1	10	37	-	12	18	5
Carlisle,	481	-	-	-	-	1	-	-	-
Chelmsford,	2,695	-	-	-	1	-	-	1	-
Concord,	4,427	-	-	-	-	1	-	2	-
Dracut,	1,996	-	-	-	-	-	-	2	-
Dunstable,	416	-	-	-	-	-	-	-	-
Everett,	11,068	-	-	2	10	1	-	1	2
Framingham,	9,239	-	2	-	6	1	-	3	-
Groton,	2,057	-	-	-	1	-	-	1	-
Holliston,	2,619	-	-	1	1	-	-	1	-
Hopkinton,	4,088	-	-	-	-	-	1	3	1
Hudson,	4,670	-	-	-	6	1	-	-	-
Lexington,	3,197	-	-	-	-	-	-	1	-
Lincoln,	987	-	-	-	-	-	-	-	-
Littleton,	1,025	-	-	-	-	-	-	-	-
Lowell,	77,696	-	2	7	41	13	19	125	7
Malden,	23,031	-	-	3	13	-	2	6	4
Marlborough,	13,805	-	-	1	10	1	1	5	-
Maynard,	2,700	-	-	-	1	1	1	2	-
Medford,	11,079	-	-	1	7	-	3	1	1
Melrose,	8,519	-	-	-	3	1	-	-	-
Natick,	9,118	-	-	3	1	-	1	6	1
Newton,	24,379	-	-	-	10	-	1	5	2
North Reading,	874	-	-	-	-	-	-	-	-
Pepperell,	3,127	-	-	-	-	1	-	-	-
Reading,	4,088	-	-	1	-	-	-	1	1
Sherborn,	1,381	-	-	-	-	-	-	1	1
Shirley,	1,191	-	-	-	1	-	-	-	-
Somerville,	40,152	-	-	3	30	2	7	9	4
Stoneham,	6,155	-	-	-	1	1	-	1	-
Stow,	903	-	-	-	-	-	-	-	-
Sudbury,	1,197	-	-	-	-	-	-	-	-
Tewksbury,	2,515	-	-	-	13	1	-	2	-
(*State Almshouse*),	-	-	-	-	3	-	-	2	2
Townsend,	1,750	-	-	-	-	-	1	-	-
Tyngsborough,	662	-	-	-	-	-	-	-	-
Wakefield,	6,982	-	-	5	-	-	-	-	-
Waltham,	18,707	-	-	-	2	-	6	4	3
Watertown,	7,073	-	-	1	-	-	1	5	-
Wayland,	2,060	-	-	1	-	-	-	1	-
Westford,	2,250	-	1	-	-	-	3	-	-
Weston,	1,664	-	-	-	1	-	1	-	-
Wilmington,	1,213	-	-	-	-	-	-	-	2
Winchester,	4,861	-	-	-	4	-	-	-	-
Woburn,	13,499	-	-	1	2	3	1	4	1
NANTUCKET Co.,	3,268	-	-	-	-	-	-	-	-
NORFOLK Co.,	118,950	-	2	7	96	3	15	26	5
Avon,	1,384	-	-	-	-	-	-	-	-
Bellingham,	1,334	-	-	-	1	-	-	-	-
Braintree,	4,848	-	-	-	3	-	-	-	-
Brookline,	12,103	-	-	1	6	-	2	-	-
Canton,	4,538	-	-	-	1	-	-	-	-
Cohasset,	2,448	-	-	-	-	-	-	2	-

Deaths in each Town from Special Causes.

Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
-	-	-	-	1	4	2	3	-	1	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-
7	4	36	5	56	179	118	51	27	44	-	1	4
-	-	-	-	-	1	1	-	-	-	-	-	-
-	-	-	-	5	10	3	3	1	4	-	1	-
-	1	1	-	5	3	10	2	2	3	-	-	-
-	-	-	-	1	4	1	-	1	2	-	1	-
-	-	-	-	-	-	1	-	2	-	-	-	-
2	-	5	-	7	25	16	3	7	4	-	2	-
-	2	7	-	1	24	8	7	9	5	-	-	-
-	1	2	-	-	4	4	1	-	1	-	-	-
-	-	-	-	-	7	1	-	2	2	-	1	-
2	1	-	-	7	11	8	-	3	4	-	-	2
1	-	-	-	7	18	8	1	-	4	-	-	-
-	-	-	-	3	7	2	1	3	3	-	-	1*
-	1	-	-	-	1	1	-	-	-	-	-	-
1	-	-	-	-	2	2	-	1	1	-	-	-
1	5	16	3	218	214	145	96	42	38	-	4	1
-	3	5	-	8	45	30	10	6	8	-	1	-
1	2	1	-	33	29	30	4	6	10	-	1	1
-	-	-	-	2	6	4	1	-	2	-	-	-
2	3	5	-	5	26	21	5	10	5	-	2	-
-	-	1	-	4	15	10	1	6	3	-	-	-
1	-	4	-	1	20	21	1	5	4	-	-	1
1	2	2	1	16	34	32	13	11	10	-	1	1
-	-	-	-	1	-	3	-	1	-	-	-	-
-	-	-	-	1	9	6	2	1	4	-	-	1
-	1	2	-	2	9	4	5	4	4	-	-	-
1	2	-	-	-	5	3	1	2	-	-	-	-
-	-	-	1	-	3	2	2	-	-	-	-	-
1	1	4	-	37	104	71	27	19	15	-	2	2
-	-	-	-	1	20	9	2	-	2	-	-	-
-	1	-	-	-	5	2	1	-	-	-	-	-
-	-	1	-	-	-	1	-	2	1	-	-	-
-	-	1	1	3	4	1	3	2	1	-	-	-
1	-	4	-	-	49	7	17	2	4	-	-	-
1	-	1	-	-	2	2	1	3	1	-	-	-
-	-	-	-	-	-	1	-	1	-	-	-	-
2	1	1	-	2	15	8	6	5	-	-	-	-
2	-	6	1	15	36	29	8	13	12	-	1	3
-	-	-	-	8	18	10	5	-	4	-	-	-
1	-	-	-	-	4	2	1	-	1	-	-	-
-	-	-	-	1	3	6	-	2	1	-	-	-
-	-	-	1	-	2	1	2	-	1	-	-	-
-	-	-	-	3	-	2	-	-	-	-	-	-
1	-	1	1	8	13	7	2	4	6	-	-	-
-	-	1	1	11	34	15	3	7	5	-	-	-
-	-	1	-	-	9	1	-	5	3	1	1	1
8	5	31	-	88	248	176	51	50	88	1	15	7
-	-	-	-	1	5	1	-	-	-	-	1	-
-	-	-	-	-	1	1	-	1	1	-	-	-
-	1	6	-	7	8	15	1	1	5	-	-	1
1	-	2	-	8	16	12	3	2	2	-	3	-
1	-	-	-	-	21	4	-	1	6	-	-	-
1	-	2	-	-	3	5	-	-	2	-	-	-

TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
Norfolk — Con.									
Dedham,	7,123	-	-	1	2	-	1	1	1
Dover,	727	-	-	-	-	-	-	1	-
Foxborough,	2,933	-	-	-	4	-	1	-	1
Franklin,	4,831	-	-	-	1	-	2	-	-
Holbrook,	2,474	-	-	-	4	-	1	1	-
Hyde Park,	10,193	-	-	-	22	-	-	6	-
Medfield,	1,493	-	-	-	-	-	1	-	-
Medway,	2,985	-	1	2	1	-	-	1	-
Millis,	786	-	-	-	-	-	-	-	-
Milton,	4,278	-	-	-	-	-	-	-	-
Needham,	3,035	-	-	-	2	-	-	-	-
Norfolk,	913	-	-	-	-	-	-	-	-
Norwood,	3,733	-	-	-	-	1	-	-	-
Quincy,	16,723	-	-	-	21	1	7	6	-
Randolph,	3,946	-	-	-	18	-	-	1	-
Sharon,	1,634	-	1	-	-	-	-	-	-
Stoughton,	4,852	-	-	-	1	-	-	2	-
Walpole,	2,604	-	-	-	4	-	-	1	1
Wellesley,	3,600	-	-	-	1	-	-	1	-
Weymouth,	10,866	-	-	2	4	1	-	2	1
Wrentham,	2,566	-	-	1	-	-	-	1	1
PLYMOUTH Co.,	92,700	-	3	2	40	4	16	24	11
Abington,	4,260	-	-	-	2	-	-	-	-
Bridgewater,	4,249	-	-	-	2	1	-	3	-
Brockton,	27,294	-	2	1	21	2	12	7	1
Carver,	994	-	-	-	5	-	-	1	-
Duxbury,	1,908	-	-	-	1	-	-	-	-
East Bridgewater,	2,911	-	-	-	-	-	-	1	2
Halifax,	562	-	-	-	-	-	-	-	-
Hanover,	2,093	-	-	-	-	-	-	-	-
Hanson,	1,267	-	-	-	1	-	-	-	-
Hingham,	4,564	-	1	-	1	1	-	2	-
Hull,	989	-	-	-	-	-	-	-	-
Kingston,	1,659	-	-	-	-	-	-	-	-
Lakeville,	935	-	-	-	-	-	-	-	-
Marion,	871	-	-	-	-	-	-	-	1
Marshfield,	1,713	-	-	1	-	-	-	1	-
Mattapoisett,	1,148	-	-	-	-	-	-	1	-
Middleborough,	6,065	-	-	-	1	-	-	1	-
Norwell,	1,635	-	-	-	-	-	-	-	1
Pembroke,	1,320	-	-	-	-	-	1	-	-
Plymouth,	7,314	-	-	-	-	-	2	3	1
Plympton,	597	-	-	-	-	-	-	-	1
Rochester,	1,012	-	-	-	-	-	-	-	1
Rockland,	5,213	-	-	-	3	-	-	1	-
Scituate,	2,318	-	-	-	-	-	-	3	-
Wareham,	3,451	-	-	-	-	-	1	-	-
West Bridgewater,	1,917	-	-	-	-	-	-	-	2
Whitman,	4,441	-	-	-	3	-	-	-	1
SUFFOLK Co.,	484,780	1	42	48	473	27	72	156	42
Boston,	448,477	-	42	44	455	23	71	146	40
Chelsea,	27,909	1	-	3	16	4	1	8	2
Revere,	5,668	-	-	1	-	-	-	1	-
Winthrop,	2,726	-	-	-	2	-	-	1	-

Deaths in each Town from Special Causes.

Metritis (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
-	-	-	1	-	3	16	15	2	3	4	-	1	-
-	-	-	-	-	-	2	1	-	-	2	-	-	-
-	-	-	-	-	-	9	1	2	-	2	1	-	-
-	-	1	1	-	3	9	9	2	5	-	-	-	2
-	-	-	-	-	1	2	2	1	-	-	-	-	-
-	-	-	4	-	12	24	15	5	3	9	-	-	-
-	-	-	-	-	-	2	1	-	-	2	-	-	-
-	-	-	1	-	2	3	1	4	1	2	-	-	-
-	-	-	-	-	-	1	3	-	-	-	-	-	-
-	-	1	-	-	-	4	9	1	2	1	-	1	-
-	-	-	1	-	2	4	5	3	2	2	-	1	-
-	-	-	-	-	-	2	2	-	1	-	-	-	-
-	-	-	1	-	2	6	1	2	-	4	-	2	-
-	1	-	3	-	28	40	31	7	11	27	-	4	2
-	-	-	1	-	6	15	7	1	4	1	-	1	1
-	-	-	-	-	3	4	6	-	1	4	-	-	-
-	1	-	2	-	-	9	2	1	2	2	-	-	-
-	-	-	-	-	-	8	2	1	2	2	-	-	-
-	1	1	1	-	1	9	9	1	1	3	-	-	1
-	2	-	5	-	9	20	15	13	7	4	-	1	-
-	-	1	-	-	-	5	1	1	-	1	-	-	-
2	13	12	13	3	79	209	104	51	54	37	-	4	3
-	-	-	2	-	1	13	4	3	2	1	-	-	-
-	-	1	-	1	2	32	8	1	2	1	-	-	-
-	4	4	2	1	33	64	34	21	12	9	-	1	3
-	-	-	-	-	1	3	2	-	-	1	-	-	-
-	1	-	-	-	-	4	4	-	3	-	-	-	-
-	1	1	1	-	1	5	5	-	1	3	-	-	-
-	-	1	-	-	-	2	-	-	1	-	-	-	-
-	-	-	-	-	2	6	2	2	1	-	-	-	-
-	-	-	1	-	-	6	4	1	-	-	-	-	-
1	1	2	1	-	3	6	1	2	7	5	-	-	-
-	-	-	-	-	1	3	1	-	-	2	-	-	-
-	-	-	-	-	3	-	1	2	1	-	-	-	-
-	1	-	-	-	-	1	1	-	-	1	-	-	-
-	-	-	-	-	-	1	-	-	1	-	-	-	-
-	-	-	-	-	1	3	1	2	4	-	-	1	-
-	-	-	-	-	-	1	1	1	4	1	-	-	-
1	1	-	-	1	10	11	3	4	1	-	-	-	-
-	-	-	1	-	1	-	1	2	2	1	-	-	-
-	1	-	-	-	-	1	3	3	1	-	-	-	-
-	1	-	1	-	5	15	7	2	5	1	-	2	-
-	-	-	-	-	1	1	1	-	-	-	-	-	-
-	-	-	-	-	1	4	1	-	1	-	-	-	-
-	-	-	-	-	5	10	5	-	2	2	-	-	-
-	-	-	1	-	3	2	4	2	2	4	-	-	-
-	1	1	1	-	2	6	4	3	1	2	-	-	-
-	-	1	-	-	1	1	1	-	-	1	-	-	-
-	1	1	2	-	2	8	5	-	-	2	-	-	-
17	66	35	187	24	538	1,687	1,089	466	333	440	12	52	86
16	65	30	176	22	503	1,600	1,021	442	305	411	11	50	84
1	-	5	8	2	21	72	56	21	28	24	1	2	2
-	1	-	-	-	11	11	8	3	-	4	-	-	-
-	-	-	3	-	3	4	4	-	-	1	-	-	-

TABLE XIII. — Concluded.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
WORCESTER CO.,	280,787	-	7	33	159	20	33	83	18
Ashburnham,	2,074	-	-	1	-	-	-	-	1
Athol,	6,319	-	-	1	-	1	1	4	1
Auburn,	1,532	-	-	-	-	1	-	1	-
Barre,	2,239	-	-	-	-	-	-	-	-
Berlin,	884	-	-	-	-	-	-	1	-
Blackstone,	6,138	-	-	-	18	1	-	3	-
Bolton,	827	-	-	2	-	-	-	-	-
Boylston,	770	-	-	-	2	-	-	-	-
Brookfield,	3,352	-	-	-	-	-	-	1	-
Charlton,	1,847	-	-	1	-	-	-	1	1
Clinton,	10,424	-	-	6	4	-	-	2	-
Dana,	700	-	-	-	-	-	-	-	-
Douglas,	1,908	-	-	-	1	-	-	-	-
Dudley,	2,944	-	-	-	1	-	-	2	-
Fitchburg,	22,037	-	-	9	7	2	3	3	4
Gardner,	8,424	-	1		22	-	-	3	1
Grafton,	5,002	-	-		4	1	1	3	-
Hardwick,	2,922	-	-	-	3	-	-	4	-
Harvard,	1,095	-	-	-	-	-	-	-	-
Holden,	2,623	-	-	-	2	-	-	-	-
Hopedale,	1,176	-	-	-	-	-	-	2	-
Hubbardston,	1,346	-	-	-	-	-	-	1	-
Lancaster,	2,201	-	-	-	-	-	-	2	-
Leicester,	3,120	-	-	-	-	-	2	-	-
Leominster,	7,269	-	1	-	-	-	3	2	1
Lunenburg,	1,146	-	-	-	-	-	-	1	-
Mendon,	919	-	-	-	-	-	-	-	-
Milford,	8,780	-	2	3	-	-	-	6	-
Millbury,	4,428	-	-	-	1	2	-	-	-
New Braintree,	573	-	-	-	-	-	-	1	-
Northborough,	1,952	-	-	-	-	-	-	3	-
Northbridge,	4,603	-	-	-	5	-	3	2	-
North Brookfield,	3,871	-	-	-	1	-	3	1	-
Oakham,	738	-	-	-	-	-	-	-	1
Oxford,	2,616	-	-	-	-	1	1	-	-
Paxton,	445	-	-	-	-	-	-	-	-
Petersham,	1,050	-	-	-	-	-	-	-	-
Phillipston,	502	-	-	-	3	-	-	-	-
Princeton,	982	-	-	-	-	-	-	-	-
Royalston,	1,030	-	-	-	-	-	-	-	-
Rutland,	980	-	-	-	2	-	-	-	-
Shrewsbury,	1,449	-	-	-	-	-	-	-	-
Southborough,	2,114	-	-	-	-	2	1	1	-
Southbridge,	7,655	-	-	-	11	-	-	2	-
Spencer,	8,747	-	-	2	2	-	-	1	-
Sterling,	1,244	-	-	-	1	-	-	1	-
Sturbridge,	2,074	-	-	-	-	-	-	-	-
Sutton,	3,180	-	-	-	7	-	-	3	-
Templeton,	2,999	-	-	-	1	-	-	-	-
Upton,	1,878	-	-	-	-	-	-	1	-
Uxbridge,	3,408	-	-	-	4	3	-	2	-
Warren,	4,681	-	-	-	2	1	-	3	-
Webster,	7,031	-	-	1	6	-	5	-	1
Westborough,	5,195	-	-	-	8	-	1	-	-
West Boylston,	3,019	-	-	-	3	-	-	2	-
West Brookfield,	1,592	-	-	-	-	1	-	2	1
Westminster,	1,688	-	-	1	2	-	-	-	-
Winchendon,	4,390	-	-	-	2	1	-	2	1
Worcester,	84,655	-	3	6	34	3	9	14	5

Deaths in each Town from Special Causes.

Metritis (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
5	30	28	47	10	326	650	452	152	154	177	-	19	7
-	-	1	-	-	-	4	4	2	2	1	-	1	-
-	-	-	2	-	7	13	13	-	1	7	-	-	1
-	-	1	-	-	1	6	1	1	-	2	-	-	-
-	-	-	-	-	1	3	5	1	4	2	-	-	-
-	-	1	-	-	2	3	-	2	-	-	-	-	-
-	-	-	-	-	4	10	13	3	1	6	-	-	-
-	-	1	-	-	-	-	2	-	-	1	-	-	-
-	-	-	-	-	-	3	1	-	-	-	-	-	-
-	-	-	-	-	1	9	4	1	1	-	-	-	-
-	-	1	-	-	-	-	1	1	-	2	-	-	-
-	-	-	6	-	10	14	17	3	2	7	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	1	-	-	-	10	2	-	4	2	-	1	-
-	-	-	-	-	3	7	5	3	-	1	-	-	-
-	6	2	6	1	16	44	31	9	4	16	-	-	1
-	-	-	-	-	13	19	11	4	4	5	-	1	-
-	2	-	-	1	11	14	8	1	1	3	-	-	-
-	2	-	-	-	2	8	2	2	2	1	-	-	-
-	-	-	-	-	-	2	2	-	3	-	-	-	-
-	-	-	-	-	4	10	2	1	1	2	-	2	-
-	-	-	-	-	1	4	1	-	1	-	-	-	-
-	-	1	-	-	1	1	2	1	-	1	-	-	-
-	-	-	-	-	2	6	4	3	2	-	-	-	-
-	1	-	-	-	4	5	2	-	1	1	-	-	-
1	3	1	1	1	2	12	8	4	5	1	-	-	-
-	-	-	-	-	-	1	1	1	1	1	-	1	-
-	-	-	-	-	-	1	2	-	-	2	-	-	-
-	-	-	1	-	7	25	23	3	5	6	-	-	1
-	2	-	-	-	8	6	9	5	5	4	-	1	-
-	-	-	-	-	-	1	2	-	2	-	-	-	-
-	-	-	-	-	2	3	4	-	4	-	-	-	-
1	-	1	-	2	6	16	7	-	1	1	-	-	-
-	-	-	-	-	1	9	3	-	1	2	-	-	-
-	-	-	-	-	2	1	-	1	3	1	-	-	-
-	-	1	-	-	2	6	6	1	3	3	-	-	-
-	-	-	-	-	-	-	-	1	1	1	-	-	-
-	-	-	-	-	1	2	4	-	1	-	-	-	-
-	-	-	-	-	-	-	1	-	1	-	-	-	-
-	-	-	-	-	1	-	-	-	3	-	-	-	-
-	-	1	-	-	2	1	1	-	5	-	-	-	-
-	-	-	-	-	1	1	4	-	-	-	-	-	1
-	-	-	1	-	-	5	-	1	2	-	-	-	-
-	-	-	-	-	2	6	1	2	1	-	-	1	-
-	-	-	2	-	18	22	13	4	1	1	-	-	-
-	-	1	-	-	13	17	16	1	5	3	-	1	-
-	-	-	-	-	1	2	5	1	2	1	-	-	-
-	-	-	1	-	1	3	5	3	1	1	-	-	-
-	-	-	-	-	5	6	8	4	-	3	-	-	-
-	-	-	1	-	2	7	6	-	1	1	-	1	-
-	-	-	-	-	1	5	1	-	3	1	-	-	-
-	-	-	1	-	3	12	4	-	-	2	-	-	1
-	1	-	-	-	4	6	12	6	-	7	-	-	-
-	-	-	1	-	16	21	15	5	6	-	-	1	-
-	-	3	-	-	8	17	6	2	3	3	-	1	-
-	-	-	-	-	2	12	1	2	-	-	-	-	-
-	1	1	-	-	-	5	4	1	3	1	-	-	-
-	-	1	-	-	4	8	2	-	1	4	-	-	-
-	2	1	-	1	6	13	4	1	2	8	-	1	-
3	10	8	24	4	122	203	141	65	48	59	-	6	2

Supplement to Table XIII.

Exhibiting the Number of Deaths from Several Specified Five Years, 1886–

The State and Counties.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
MASSACHUSETTS,	2,238,943	19	1,090	1,810	8,855	708	1,422	4,391	922
Barnstable,	29,172	-	4	12	27	12	4	56	15
Berkshire,	81,108	1	22	130	302	50	54	228	29
Bristol,	186,465	-	60	175	518	42	115	423	92
Dukes,	4,369	-	-	1	1	-	-	8	2
Essex,	299,995	-	99	170	1,149	56	166	639	151
Franklin,	38,610	-	15	27	99	21	18	63	11
Hampden,	135,713	8	100	76	697	73	76	337	48
Hampshire,	51,859	1	18	57	224	12	27	86	17
Middlesex,	431,167	1	244	323	1,557	136	241	918	157
Nantucket,	3,268	-	-	1	30	-	-	2	-
Norfolk,	118,950	-	24	83	412	22	46	160	32
Plymouth,	92,700	-	11	67	222	28	44	134	34
Suffolk,	484,780	7	383	501	2,672	156	509	862	229
Worcester,	280,787	1	110	187	945	100	122	475	105
Barnstable Co.,	29,172	-	4	12	27	12	4	56	15
Barnstable,	4,023	-	-	1	5	-	-	7	3
Bourne,*	1,442	-	-	-	-	-	-	4	-
Brewster,	1,003	-	-	-	-	-	-	4	2
Chatham,	1,954	-	-	2	2	-	-	3	-
Dennis,	2,899	-	-	2	1	-	1	8	2
Eastham,	602	-	-	-	-	-	-	2	-
Falmouth,	2,567	-	-	-	8	4	1	4	1
Harwich,	2,734	-	-	-	2	-	-	4	2
Mashpee,	298	-	1	3	-	2	-	-	-
Orleans,	1,219	-	-	1	1	-	1	3	-
Provincetown,	4,642	-	2	1	2	3	1	11	2
Sandwich,	1,819	-	-	1	1	1	-	2	1
Truro,	919	-	-	-	-	-	-	-	-
Wellfleet,	1,291	-	1	-	5	1	-	1	2
Yarmouth,	1,760	-	-	1	-	1	-	3	-
Berkshire Co.,	81,108	1	22	130	302	50	54	228	29
Adams,	9,213	-	2	7	52	10	5	27	1
Alford,	297	-	-	-	-	-	-	-	-
Becket,	946	-	1	-	1	-	-	-	1
Cheshire,	1,308	-	1	-	3	-	1	2	1
Clarksburg,	884	-	-	2	2	-	-	7	-
Dalton,	2,885	-	1	3	15	1	-	9	2
Egremont,	845	-	-	-	4	1	2	2	1
Florida,	436	-	-	-	9	-	-	1	-
Great Barrington,	4,612	-	3	2	4	1	-	12	4
Hancock,	506	-	-	3	13	-	1	4	1
Hinsdale,	1,739	-	-	3	7	-	2	5	2
Lanesborough,	1,018	1	-	1	4	-	-	2	-
Lee,	3,785	-	-	17	12	1	1	12	1

* Incorporated in 1884.

Supplement to Table XIII.

Causes registered in each Town in Massachusetts during the 87–88–89–90.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
374	832	1,274	2,859	389	10,905	28,868	17,378	6,364	5,959	7,439	80	833	382*
10	10	21	21	7	66	388	181	49	84	117	-	18	3
25	43	47	86	17	393	762	656	175	235	296	1	36	10
32	39	153	180	37	1,334	2,172	1,205	578	527	473	3	56	26
-	3	6	2	1	5	55	37	11	20	28	-	1	-
42	85	137	333	50	1,295	3,752	2,164	532	735	1,275	8	108	33
-	20	31	23	3	129	400	309	71	106	127	1	17	1
43	48	83	182	31	805	1,542	1,112	295	359	483	2	36	15
9	22	45	64	10	215	603	410	105	174	142	1	27	4
62	98	187	446	58	2,212	5,175	3,141	1,159	1,004	1,073	2	123	42
1	-	1	5	1	5	48	21	6	15	17	1	2	1
12	33	42	101	10	355	1,324	767	213	267	328	2	52	13
16	46	43	71	5	239	1,112	492	177	275	194	1	26	8
77	273	298	1,082	115	2,508	8,328	4,715	2,399	1,505	2,021	54	247	197
45	112	180	263	44	1,344	3,207	2,168	594	653	865	4	84	29
10	10	21	21	7	66	388	181	49	84	117	-	18	3
1	1	3	4	2	13	33	34	4	10	16	-	5	-
-	1	-	-	-	4	18	6	2	4	4	-	-	1
1	-	1	1	-	-	8	1	-	3	3	-	1	-
1	-	3	1	-	3	26	10	5	9	12	-	2	-
-	4	-	3	1	8	52	20	2	6	8	-	3	-
-	-	-	-	-	-	2	3	1	-	-	-	-	-
1	-	1	5	-	4	33	19	5	4	10	-	3	-
2	1	3	-	-	5	40	11	-	3	5	-	-	1
-	-	-	-	1	-	8	2	1	-	2	-	-	-
-	-	-	1	-	-	9	6	-	3	3	-	-	1
2	-	2	3	2	14	79	31	9	16	30	-	1	-
-	-	1	1	-	2	33	9	9	9	4	-	1	-
-	1	1	1	-	8	6	9	2	1	7	-	1	-
-	1	2	-	-	1	23	7	7	5	8	-	1	-
2	1	4	1	1	4	18	13	2	11	5	-	-	-
25	43	47	86	17	393	762	656	175	235	296	1	36	10
5	7	3	28	2	80	111	49	27	17	27	-	4	1
-	-	-	-	-	-	4	3	-	1	1	-	-	-
-	-	1	-	-	1	19	17	-	3	7	-	1	-
-	1	1	1	-	3	17	11	1	4	3	-	-	-
-	-	-	-	-	7	3	7	-	1	1	-	-	-
1	2	1	1	-	5	18	25	4	9	5	-	-	2
-	-	1	1	-	2	6	9	-	-	1	-	-	-
-	1	-	-	1	1	4	4	-	-	4	-	1	-
4	-	7	4	2	15	38	34	3	14	23	-	-	1
-	-	1	-	-	-	9	2	-	1	2	-	-	-
-	1	2	2	1	4	15	19	1	9	7	1	1	-
-	-	-	-	2	4	5	18	3	2	6	-	-	-
-	3	2	1	1	10	40	33	10	9	26	-	1	1

* Three years only.

SUPPLEMENT TO TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
Berkshire — Con.									
Lenox,	2,889	-	-	3	4	1	1	6	-
Monterey,	495	-	-	-	4	-	2	-	-
Mount Washington,	148	-	-	-	1	-	-	-	-
New Ashford,	125	-	-	-	-	-	-	1	-
New Marlborough,	1,305	-	-	-	3	1	1	1	-
North Adams,	16,074	-	7	48	42	8	18	64	2
Otis,	583	-	-	-	1	-	1	2	-
Peru,	305	-	-	1	1	1	-	-	1
Pittsfield,	17,281	-	3	32	84	22	13	40	7
Richmond,	796	-	-	-	1	-	-	-	-
Sandisfield,	807	-	-	1	8	-	-	3	-
Savoy,	569	-	-	-	3	-	1	-	1
Sheffield,	1,954	-	2	-	-	2	-	4	3
Stockbridge,	2,132	-	1	-	1	-	-	8	-
Tyringham,	412	-	-	-	9	-	-	-	-
Washington,	434	-	-	-	-	-	-	2	-
West Stockbridge,	1,492	-	-	2	1	-	3	4	1
Williamstown,	4,221	-	1	5	11	1	-	9	-
Windsor,	612	-	-	-	2	-	2	1	-
BRISTOL Co.,	186,465	-	60	175	518	42	115	423	92
Acushnet,	1,027	-	-	-	-	-	-	1	1
Attleborough,	7,577	-	3	11	14	2	4	27	3
Berkley,	894	-	-	-	1	-	-	-	-
Dartmouth,	3,122	-	-	3	-	-	-	4	2
Dighton,	1,889	-	-	1	3	2	-	5	2
Easton,	4,493	-	-	-	16	1	2	10	1
Fairhaven,	2,919	-	-	4	9	1	-	1	1
Fall River,	74,398	-	28	119	203	12	58	209	45
Freetown,	1,417	-	3	1	9	1	1	1	1
Mansfield,	3,432	-	4	2	8	-	-	3	4
New Bedford,	40,733	-	12	13	174	12	22	71	16
North Attleborough,	6,727	-	-	2	9	1	-	8	-
Norton,	1,785	-	-	-	-	-	-	7	2
Raynham,	1,340	-	1	-	4	1	-	2	-
Rehoboth,	1,786	-	-	1	1	1	3	-	-
Seekonk,	1,317	-	-	2	4	-	1	2	1
Somerset,	2,106	-	-	1	5	-	2	1	-
Swanzey,	1,456	-	1	1	-	-	-	5	-
Taunton,	25,448	-	8	13	55	8	22	58	13
Westport,	2,599	-	-	1	3	-	-	8	-
DUKES Co.,	4,369	-	-	1	1	-	-	8	2
Chilmark,	353	-	-	1	-	-	-	-	1
Cottage City,	1,080	-	-	-	1	-	-	3	-
Edgartown,	1,156	-	-	-	-	-	-	2	1
Gay Head,	139	-	-	-	-	-	-	1	-
Gosnold,	135	-	-	-	-	-	-	-	-
Tisbury,	1,506	-	-	-	-	-	-	2	-
ESSEX Co.,	299,995	-	99	170	1,149	56	166	639	151
Amesbury,	9,798	-	7	12	24	4	1	29	6
Andover,	6,142	-	1	2	12	-	3	6	7
Beverly,	10,821	-	1	6	7	-	4	10	2
Boxford,	865	-	-	1	4	-	1	1	-

Deaths from Special Causes for Five Years, 1886–90.

Metrin (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
-	1	3	-	-	12	16	16	7	12	5	-	-	-
1	1	-	2	-	-	6	9	2	3	3	-	-	-
-	-	-	-	-	-	2	1	-	-	-	-	1	-
-	-	-	1	-	-	1	1	-	-	1	-	-	-
-	-	2	2	-	-	5	15	3	8	1	-	-	1
5	10	5	31	3	100	184	148	16	25	74	-	5	2
1	-	-	-	-	3	3	6	4	9	3	-	-	-
-	-	-	-	1	2	2	4	1	1	2	-	-	-
6	8	8	10	1	97	165	85	68	46	45	-	17	1
-	-	-	-	-	-	4	11	1	2	4	-	-	-
-	1	-	-	-	1	8	8	2	6	3	-	-	-
-	-	1	-	-	-	8	1	3	1	1	-	-	-
-	-	1	1	-	4	9	16	6	11	7	-	2	-
-	-	2	1	1	6	15	25	5	7	8	-	-	-
-	-	-	-	-	-	5	4	1	1	1	-	-	-
-	1	-	-	-	1	3	5	-	1	1	-	-	-
1	1	2	-	1	4	10	32	6	12	9	-	1	1
1	5	3	-	1	28	24	33	1	15	13	-	2	-
-	-	1	-	-	3	3	5	-	5	2	-	-	-
32	39	153	180	37	1,334	2,172	1,205	578	527	473	3	56	26
-	-	-	-	-	-	2	5	6	8	5	-	-	-
1	2	13	6	2	46	95	68	11	39	26	-	3	-
-	-	1	-	-	-	6	3	2	4	5	-	-	-
-	-	9	3	-	5	19	12	6	14	5	-	1	-
1	-	3	1	-	4	14	8	4	7	7	-	1	-
1	-	3	5	2	10	43	27	10	5	9	-	-	1
-	-	2	3	-	4	38	10	5	14	4	-	1	-
15	16	53	88	20	867	985	499	283	105	193	3	12	16
-	-	-	1	-	6	21	12	3	6	4	-	3	-
-	1	-	-	-	4	22	16	3	24	10	-	2	-
8	9	20	31	3	192	454	266	138	161	94	-	23	6
1	2	3	6	3	21	44	21	7	17	13	-	4	-
-	-	-	-	-	4	22	12	3	5	4	-	-	-
-	2	-	-	-	4	16	11	1	5	5	-	-	-
-	1	11	-	-	4	8	14	2	6	2	-	-	-
-	-	3	1	-	8	8	9	1	7	1	-	-	-
1	1	6	3	-	9	29	11	3	6	9	-	-	-
-	-	3	-	1	5	13	8	3	1	1	-	-	-
3	5	21	31	6	137	302	177	80	81	69	-	6	3
1	-	2	1	-	4	31	16	7	12	7	-	-	-
-	3	6	2	1	5	55	37	11	20	28	-	1	-
-	1	-	-	-	-	7	7	1	1	-	-	-	-
-	-	2	-	-	1	11	7	1	5	2	-	1	-
-	-	1	-	-	1	16	10	7	4	4	-	-	-
-	-	-	1	-	2	8	2	-	-	1	-	-	-
-	-	-	-	-	-	1	-	-	-	4	-	-	-
-	2	3	1	1	1	12	11	2	10	17	-	-	-
42	85	137	333	50	1,295	3,752	2,164	532	735	1,275	8	108	33
2	2	6	9	1	53	117	64	24	25	26	-	3	-
-	3	1	3	-	14	64	25	24	21	14	-	4	-
2	7	2	4	1	46	105	58	20	34	14	-	5	-
-	-	-	-	-	1	7	5	2	1	2	-	-	-

SUPPLEMENT TO TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-spinal Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
Essex — Con.									
Bradford,	3,720	-	1	-	11	2	3	11	1
Danvers,	7,454	-	1	-	6	-	1	5	16
Essex,	1,713	-	-	2	-	-	-	1	-
Georgetown,	2,117	-	-	-	4	1	1	4	1
Gloucester,	24,651	-	7	18	40	4	21	25	9
Groveland,	2,191	-	-	2	5	-	-	4	-
Hamilton,	961	-	1	-	1	-	-	1	-
Haverhill,	27,412	-	3	33	136	8	13	59	19
Ipswich,	4,439	-	-	2	5	2	2	6	2
Lawrence,	44,654	-	30	36	293	10	33	233	17
Lynn,	55,727	-	14	18	168	5	23	56	29
Lynnfield,	787	-	-	-	-	-	-	1	-
Manchester,	1,789	-	1	1	1	-	1	-	1
Marblehead,	8,202	-	3	6	60	-	2	16	3
Merrimac,	2,633	-	1	1	4	1	1	5	-
Methuen,	4,814	-	-	2	14	-	1	20	1
Middleton,	924	-	1	-	-	1	-	1	1
Nahant,	880	-	-	-	1	-	-	1	1
Newbury,	1,427	-	-	-	2	-	1	-	-
Newburyport,	13,947	-	4	6	75	3	4	17	6
North Andover,	3,742	-	-	3	25	1	5	14	2
Peabody,	10,158	-	1	4	22	2	5	15	4
Rockport,	4,087	-	-	1	10	2	1	10	1
Rowley,	1,248	-	-	-	1	1	-	3	-
Salem,	30,801	-	20	10	170	5	35	59	19
Salisbury,	1,316	-	1	1	11	1	-	7	1
Saugus,	3,673	-	-	1	28	1	1	7	-
Swampscott,	3,198	-	1	1	6	1	1	4	1
Topsfield,	1,022	-	-	1	1	1	-	3	-
Wenham,	886	-	-	-	-	-	-	1	-
West Newbury,	1,796	-	-	-	2	-	2	4	1
FRANKLIN Co.,	38,610	-	15	27	99	21	18	63	11
Ashfield,	1,025	-	1	-	1	-	-	-	-
Bernardston,	770	-	-	-	1	1	-	-	2
Buckland,	1,570	-	-	-	2	1	-	3	-
Charlemont,	972	-	-	1	5	3	-	3	1
Colrain,	1,671	-	-	1	4	-	-	2	-
Conway,	1,451	-	-	-	-	-	-	6	-
Deerfield,	2,910	-	-	1	2	2	2	4	2
Erving,	972	-	1	-	2	-	2	-	-
Gill,	960	-	-	-	3	-	-	3	1
Greenfield,	5,252	-	3	6	7	3	1	11	2
Hawley,	515	-	1	-	1	-	-	-	-
Heath,	503	-	-	1	7	-	-	-	-
Leverett,	702	-	1	1	3	-	2	2	-
Leyden,	407	-	-	-	1	-	1	-	-
Monroe,	282	-	-	-	4	-	-	2	-
Montague,	6,296	-	4	11	36	9	1	8	-
New Salem,	856	-	1	1	-	-	1	-	-
Northfield,	1,869	-	-	-	3	-	-	7	1
Orange,	4,568	-	1	3	3	-	4	4	1
Rowe,	541	-	-	-	7	-	-	1	-
Shelburne,	1,553	-	2	-	-	2	-	3	-
Shutesbury,	453	-	-	-	5	-	3	-	-
Sunderland,	663	-	-	-	-	-	-	3	-
Warwick,	565	-	-	-	1	-	-	-	-
Wendell,	505	-	-	-	-	-	-	1	-
Whately,	779	-	-	1	1	-	1	-	1

Deaths from Special Causes for Five Years, 1886–90.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
-	2	3	-	-	21	44	30	3	5	19	-	-	2
1	1	5	16	1	17	110	57	20	39	19	-	6	2
-	1	-	-	1	4	15	17	2	-	6	-	1	-
-	1	-	2	-	6	28	12	5	8	11	-	1	-
3	8	5	22	3	76	254	129	39	34	491	1	3	7
-	1	-	-	-	3	30	10	1	3	8	-	-	-
-	-	2	2	-	1	5	9	1	4	-	-	-	-
4	6	15	30	4	144	349	198	18	71	76	1	14	5
-	1	4	1	1	12	70	44	4	7	10	-	1	-
12	6	28	28	13	395	615	406	85	96	159	3	20	3
8	15	17	67	11	176	756	354	98	137	145	1	11	6
-	-	-	1	-	1	5	5	1	2	3	-	-	-
-	1	-	-	-	2	11	8	4	10	4	-	1	-
3	4	5	11	-	25	91	72	17	9	21	-	3	-
-	1	-	4	-	6	27	12	4	4	2	-	1	-
-	-	2	11	-	17	69	39	7	6	16	-	4	-
-	-	1	-	1	-	13	8	-	5	3	-	1	-
-	-	-	-	2	1	9	6	1	-	1	-	1	-
-	-	-	-	-	1	13	4	3	2	3	-	1	1
1	6	10	6	3	66	214	111	20	46	31	-	6	2
-	2	-	4	1	10	45	10	9	11	11	-	2	-
1	5	4	8	1	32	120	53	22	17	34	1	3	1
-	-	3	2	2	8	63	33	2	15	7	-	1	1
-	-	-	1	-	1	4	13	2	2	4	-	-	-
2	8	17	89	4	134	380	315	77	90	114	1	14	1
-	-	1	2	-	2	16	10	2	8	7	-	-	-
3	1	2	7	-	6	32	8	2	6	5	-	-	1
-	2	-	1	-	7	33	17	4	6	6	-	1	-
-	-	1	-	-	1	11	8	2	3	-	-	-	1
-	-	-	-	-	1	11	6	2	3	1	-	-	-
-	1	3	2	-	5	16	8	5	5	2	-	-	-
-	20	31	23	3	129	400	309	71	106	127	1	17	1
-	-	-	-	-	-	12	8	1	10	4	-	-	-
-	-	1	-	-	2	10	9	3	4	2	-	2	-
-	1	2	1	-	6	22	16	3	6	9	-	1	-
-	2	-	1	-	-	5	10	1	-	2	-	1	-
-	-	3	-	1	5	13	16	2	2	4	-	1	-
-	2	-	1	-	6	14	16	1	2	5	-	1	-
-	1	4	-	-	10	44	24	7	9	11	1	1	-
-	-	-	-	-	-	6	8	1	2	5	-	-	-
-	1	-	1	-	2	10	5	2	4	5	-	2	-
-	5	2	6	-	18	38	26	4	13	18	-	1	-
-	-	-	-	-	-	6	2	1	2	2	-	1	-
-	-	-	-	-	-	4	8	1	-	-	-	-	-
-	2	-	-	-	2	9	12	4	4	1	-	-	-
-	1	-	1	-	-	5	10	-	-	1	-	-	-
-	-	-	-	-	-	2	3	1	-	3	-	1	-
-	4	4	10	-	60	89	42	24	5	18	-	-	-
-	-	-	-	1	-	8	12	-	3	2	-	-	-
-	-	1	-	-	1	17	6	1	4	6	-	-	-
-	-	4	1	-	11	39	24	5	12	11	-	2	-
-	-	-	-	-	-	1	8	-	2	2	-	1	-
-	-	2	-	-	2	11	8	4	8	8	-	1	1
-	-	1	-	-	-	8	9	1	3	-	-	1	-
-	-	-	-	-	2	11	7	2	1	2	-	-	-
-	-	4	1	-	-	9	2	-	4	2	-	-	-
-	-	2	-	-	-	1	-	1	2	2	-	-	-
-	1	1	-	1	2	6	18	1	4	2	-	-	-

SUPPLEMENT TO TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
HAMPDEN Co.,	135,713	8	100	76	697	73	76	337	48
Agawam,	2,352	-	-	3	8	-	1	6	1
Blandford,	871	-	-	-	1	2	-	1	-
Brimfield,	1,096	-	2	-	2	-	-	-	-
Chester,	1,295	1	-	1	4	-	-	-	-
Chicopee,	14,050	1	4	6	80	8	7	43	4
Granville,	1,061	-	-	-	2	-	-	-	-
Hampden,	831	-	1	-	1	-	-	3	-
Holland,	201	2	-	-	1	-	-	-	-
Holyoke,	35,637	-	52	17	167	30	30	105	15
Longmeadow,	2,183	-	-	-	12	-	2	12	3
Ludlow,	1,939	-	1	-	4	-	-	-	1
Monson,	3,650	-	1	-	10	2	1	9	-
Montgomery,	266	-	-	-	4	-	1	-	-
Palmer,	6,520	-	1	4	32	1	3	18	3
Russell,	879	-	-	-	8	-	-	3	-
Southwick,	914	-	-	-	-	2	-	2	1
Springfield,	44,179	2	24	32	304	19	27	88	16
Tolland,	393	-	-	-	4	-	-	-	-
Wales,	700	-	-	-	3	-	-	-	1
Westfield,	9,805	2	2	6	25	4	-	28	-
West Springfield,	5,077	-	10	6	19	1	4	15	1
Wilbraham,	1,814	-	2	1	6	4	-	4	2
HAMPSHIRE Co.,	51,859	1	18	57	224	12	27	86	17
Amherst,	4,512	-	-	1	11	1	-	5	1
Belchertown,	2,120	-	-	-	2	-	1	6	1
Chesterfield,	608	-	-	1	1	-	-	1	-
Cummington,	787	-	2	-	-	-	-	-	1
Easthampton,	4,395	-	-	2	37	-	-	7	1
Enfield,	952	-	-	-	13	-	2	-	-
Goshen,	297	-	-	-	-	-	-	-	-
Granby,	765	-	-	-	3	-	1	-	-
Greenwich,	526	-	-	-	5	-	-	1	1
Hadley,	1,669	-	-	-	11	2	-	2	2
Hatfield,	1,246	-	-	-	6	-	-	1	1
Huntington,	1,385	1	-	1	7	-	-	1	-
Middlefield,	455	-	3	1	-	-	-	1	-
Northampton,	14,990	-	2	7	62	1	9	22	6
Pelham,	486	-	2	-	-	-	1	1	-
Plainfield,	435	-	-	-	-	-	-	-	-
Prescott,	376	-	-	-	-	-	-	1	-
Southampton,	1,017	-	1	-	3	-	-	1	-
South Hadley,	4,261	-	3	1	28	3	3	15	-
Ware,	7,329	-	5	41	27	2	4	15	2
Westhampton,	477	-	-	-	-	1	-	-	1
Williamsburg,	2,057	-	-	2	7	2	6	4	-
Worthington,	714	-	-	-	1	-	-	2	-
MIDDLESEX Co.,	431,167	1	244	323	1,557	136	241	918	157
Acton,	1,897	-	-	1	3	1	-	-	-
Arlington,	5,629	-	4	13	19	4	3	5	2
Ashby,	825	-	-	-	1	-	-	1	-
Ashland,	2,532	-	2	4	9	-	-	2	2
Ayer,	2,148	-	-	-	11	1	-	3	-
Bedford,	1,092	-	-	1	3	1	-	-	1
Belmont,	2,098	-	1	7	10	-	-	1	1

Deaths from Special Causes for Five Years, 1886–90.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
43	48	83	182	31	805	1,542	1,112	295	359	483	2	36	15
-	1	2	4	-	12	27	25	6	9	10	-	1	-
1	-	1	-	-	3	5	7	1	5	5	-	-	-
-	-	1	1	2	-	9	10	-	10	1	-	-	-
-	2	2	-	-	6	20	16	1	4	6	-	-	-
4	1	5	30	3	90	211	98	25	35	41	-	4	2
-	2	3	-	1	-	10	6	6	4	6	-	-	-
1	-	-	1	-	2	14	9	-	-	3	-	1	1
-	-	-	-	-	-	4	4	-	3	1	-	-	-
10	12	18	88	13	276	412	258	125	54	131	1	2	1
1	-	1	3	1	13	20	15	5	8	6	-	1	-
-	-	2	-	-	7	12	21	9	2	8	-	-	1
1	1	3	1	-	8	40	20	6	22	7	-	-	1
-	-	2	-	1	-	2	5	-	-	[illegible]	-	-	-
1	3	6	3	1	31	89	41	5	13	25	-	-	-
-	-	3	2	-	2	11	11	1	3	6	-	1	-
-	-	-	-	-	-	7	13	3	4	4	-	-	-
21	17	13	40	4	260	478	365	74	132	157	-	20	6
-	1	1	-	1	2	2	2	-	3	2	-	-	-
-	-	2	-	-	3	5	9	1	4	-	-	-	-
3	6	17	4	3	42	87	118	10	27	22	1	3	2
-	1	-	5	-	45	57	43	12	11	38	-	2	1
-	1	1	-	1	3	20	16	5	6	4	-	1	-
9	22	45	64	10	215	603	410	105	174	142	1	27	4
-	1	-	1	-	12	51	26	6	19	10	1	-	-
-	-	-	3	-	6	25	28	2	8	9	-	-	-
-	-	-	-	-	2	9	5	3	1	3	-	2	-
-	-	-	1	-	-	6	3	4	3	-	-	2	-
3	2	13	12	-	10	60	33	14	18	12	-	1	-
-	-	1	-	-	10	7	9	3	7	2	-	3	-
-	-	-	-	-	-	3	1	-	3	-	-	1	1
-	1	-	-	-	1	9	5	4	9	1	-	1	-
-	-	-	-	-	1	6	7	2	2	1	-	-	-
-	2	-	5	2	4	22	11	5	7	6	-	1	-
-	1	2	1	-	2	16	8	2	7	3	-	1	-
-	-	1	1	-	7	21	11	-	4	11	-	1	-
-	-	-	-	-	4	7	3	-	1	2	-	-	-
2	4	12	11	5	65	192	117	30	48	38	-	7	3
-	3	-	2	-	3	5	2	1	1	2	-	1	-
-	-	-	-	-	-	1	1	2	2	-	-	-	-
-	-	-	-	-	-	3	4	-	1	2	-	-	-
-	-	2	-	-	1	5	9	3	3	2	-	1	-
-	-	5	2	-	30	37	42	4	9	9	-	1	-
4	5	7	22	1	45	85	58	18	8	24	-	3	-
-	-	1	1	-	-	3	2	-	4	-	-	-	-
-	3	1	1	2	12	18	19	2	9	2	-	-	-
-	-	-	1	-	-	12	6	-	-	3	-	1	-
62	98	187	446	58	2,212	5,175	3,141	1,159	1,004	1,073	2	123	42
-	-	3	-	-	3	36	13	2	1	7	-	-	1
-	-	3	5	3	28	57	53	2	13	10	-	3	2
-	-	1	1	-	-	9	9	-	1	2	-	-	-
-	-	1	3	-	13	27	26	5	5	7	-	1	1
-	2	-	-	-	8	19	18	3	8	11	-	1	-
-	1	2	-	-	-	12	8	2	2	6	-	-	-
1	-	-	2	-	3	15	5	3	3	8	-	-	-

SUPPLEMENT TO TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
Middlesex — Con.									
Billerica,	2,380	-	2	1	-	1	1	2	3
Boxborough,	325	-	-	-	-	-	-	-	-
Burlington,	617	-	-	-	1	-	-	-	-
Cambridge,	70,028	1	39	66	345	3	52	116	28
Carlisle,	481	-	-	-	3	1	1	-	-
Chelmsford,	2,695	-	-	3	4	1	2	5	-
Concord,	4,427	-	2	1	4	2	1	4	4
Dracut,	1,996	-	4	3	9	-	-	6	-
Dunstable,	416	-	-	-	-	-	1	-	1
Everett,	11,068	-	2	11	71	1	4	14	6
Framingham,	9,239	-	3	9	15	7	1	14	1
Groton,	2,057	-	2	-	4	-	-	3	-
Holliston,	2,619	-	-	8	7	1	1	8	-
Hopkinton,	4,088	-	-	3	3	3	3	10	3
Hudson,	4,670	-	6	5	17	4	1	12	1
Lexington,	3,197	-	-	2	2	1	1	2	1
Lincoln,	987	-	-	1	-	-	1	1	-
Littleton,	1,025	-	1	-	-	-	-	4	-
Lowell,	77,696	-	128	46	414	47	62	396	25
Malden,	23,031	-	4	12	87	-	9	33	10
Marlborough,	13,805	-	9	8	75	13	6	32	1
Maynard,	2,700	-	3	3	21	2	1	4	-
Medford,	11,079	-	1	9	24	-	5	11	1
Melrose,	8,519	-	1	8	15	2	3	6	2
Natick,	9,118	-	1	10	13	1	4	13	1
Newton,	24,379	-	4	5	70	1	7	44	12
North Reading,	874	-	-	-	4	-	-	1	-
Pepperell,	3,127	-	-	-	3	1	-	6	3
Reading,	4,088	-	-	1	5	3	-	3	2
Sherborn,	1,381	-	1	-	3	-	1	2	1
Shirley,	1,191	-	-	1	1	-	-	2	-
Somerville,	40,152	-	13	58	129	11	31	49	17
Stoneham,	6,155	-	1	-	7	2	5	7	-
Stow,	903	-	-	-	-	2	-	-	-
Sudbury,	1,197	-	-	-	-	-	-	-	-
Tewksbury,	2,515	-	1	1	23	1	2	4	-
(*State Almshouse*),	-	-	-	-	5	-	1	8	7
Townsend,	1,750	-	-	1	2	-	1	3	1
Tyngsborough,	662	-	-	-	2	-	-	2	1
Wakefield,	6,982	-	2	5	15	1	5	3	2
Waltham,	18,707	-	2	4	35	3	11	17	6
Watertown,	7,073	-	-	4	19	3	3	13	2
Wayland,	2,060	-	1	2	9	-	-	2	-
Westford,	2,250	-	1	-	4	2	3	6	1
Weston,	1,664	-	1	-	2	-	1	-	-
Wilmington,	1,213	-	-	-	3	1	1	1	2
Winchester,	4,861	-	-	2	8	1	-	13	-
Woburn,	13,499	-	2	4	18	7	6	24	6
NANTUCKET CO.,	3,268	-	-	1	30	-	-	2	-
NORFOLK CO.,	118,950	-	24	83	412	22	46	160	32
Avon,*	1,384	-	-	-	2	-	-	1	-
Bellingham,	1,334	-	-	2	6	-	-	2	1
Braintree,	4,848	-	1	5	16	1	2	5	-
Brookline,	12,103	-	-	10	20	1	10	6	3
Canton,	4,538	-	-	-	11	-	-	6	-
Cohasset,	2,448	-	-	1	3	1	2	5	-

* Incorporated in 1888.

Deaths from Special Causes for Five Years, 1886–90.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
-	-	3	1	1	5	17	11	7	6	9	-	1	-
-	1	-	-	-	1	1	4	-	1	1	-	-	-
-	-	-	-	-	1	7	1	1	2	-	-	-	-
10	16	26	140	15	337	879	560	248	147	149	1	22	9
-	-	-	-	-	1	5	4	-	-	1	-	-	-
1	-	-	2	-	9	31	17	6	12	8	-	1	-
1	-	1	2	-	14	29	30	5	12	13	-	4	-
-	1	-	-	-	4	21	7	3	5	5	-	2	-
-	-	-	-	-	-	3	7	-	5	1	-	1	-
-	2	10	12	-	39	92	56	14	23	17	-	3	-
1	1	5	19	1	23	107	45	22	32	38	-	3	2
-	-	3	2	-	3	16	21	5	6	5	-	1	-
-	1	1	1	-	4	47	19	1	8	5	-	2	-
-	2	3	1	1	13	74	36	7	12	10	-	2	4
-	1	5	-	-	18	55	30	7	6	16	-	-	1
1	-	3	1	-	5	41	18	1	7	11	-	-	1
-	-	1	1	-	3	5	7	1	-	1	-	1	-
-	2	-	-	-	1	9	11	-	4	7	-	-	-
19	17	31	62	16	938	1,040	718	327	196	209	-	20	5
3	1	8	17	1	66	240	149	45	30	48	-	2	-
6	1	6	9	3	130	172	100	20	19	31	1	2	1
1	1	1	2	-	8	43	27	4	3	7	-	1	-
1	10	6	9	-	26	105	74	26	42	30	-	7	-
2	3	1	1	-	20	61	40	12	22	24	-	4	1
2	3	5	13	-	15	104	62	14	27	23	-	2	1
4	5	6	25	3	59	164	105	45	48	51	-	6	2
-	-	2	-	-	5	7	14	2	3	3	-	-	-
-	-	1	5	-	5	36	22	14	8	10	-	4	1
-	-	2	4	-	9	46	21	13	7	11	-	2	-
-	1	2	1	1	1	14	5	3	8	6	-	-	-
-	-	2	1	1	2	10	17	5	3	4	-	3	-
3	5	17	38	1	157	456	308	85	81	67	-	13	2
-	1	3	-	-	14	80	32	11	12	19	-	2	-
-	-	1	-	-	7	9	8	2	2	4	-	-	1
-	-	1	1	-	2	11	7	4	5	1	-	1	-
1	-	-	2	1	7	19	11	5	5	8	-	-	-
-	2	-	30	2	4	244	40	38	7	11	-	-	-
-	1	-	2	-	-	17	12	6	10	2	-	-	-
-	-	-	-	1	-	4	3	-	4	-	-	1	-
1	3	1	1	-	12	82	36	19	23	17	-	-	-
2	8	4	13	2	60	221	128	39	52	45	-	1	7
-	-	-	5	-	25	72	43	26	8	13	-	-	-
-	2	-	-	-	6	23	19	2	1	5	-	1	-
-	-	2	-	-	7	29	14	6	10	5	-	1	-
1	-	-	2	1	4	12	7	4	3	3	-	1	-
-	-	1	-	-	7	7	8	4	-	1	-	-	-
-	2	2	4	1	21	56	19	12	14	20	-	-	-
1	2	11	6	3	59	177	76	21	30	47	-	1	-
1	-	1	5	1	5	48	21	6	15	17	1	2	1
12	33	42	101	10	355	1,324	767	213	267	328	2	52	13
-	-	-	-	-	1	10	4	1	1	-	-	1	-
1	2	2	2	-	11	11	9	1	5	2	-	-	-
1	1	2	8	-	25	45	45	6	15	23	1	1	2
2	5	1	12	2	27	101	65	17	18	15	-	6	2
2	2	3	1	2	11	81	26	4	9	18	-	2	-
-	1	3	4	-	4	20	15	4	3	2	-	1	-

SUPPLEMENT TO TABLE XIII. — Continued.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro.-sp. Meningitis.	Whooping-cough.	Typhoid Fever.	Erysipelas.
Norfolk — Con.									
Dedham,	7,123	-	1	6	25	1	3	9	3
Dover,	727	-	-	-	-	1	-	2	-
Foxborough,	2,933	-	-	1	7	-	2	4	3
Franklin,	4,831	-	3	5	4	2	2	5	-
Holbrook,	2,474	-	-	2	5	-	2	3	-
Hyde Park,	10,193	-	1	1	47	-	1	11	2
Medfield,	1,493	-	-	-	-	1	1	4	-
Medway,	2,985	-	1	2	18	-	-	3	-
Millis,	786	-	-	3	-	-	-	2	-
Milton,	4,278	-	1	-	12	-	2	2	2
Needham,	3,035	-	1	2	6	-	1	3	1
Norfolk,	913	-	-	-	1	1	-	2	-
Norwood,	3,733	-	-	5	1	1	1	9	2
Quincy,	16,723	-	10	8	134	6	9	37	2
Randolph,	3,946	-	-	6	25	-	2	8	3
Sharon,	1,634	-	1	-	4	1	1	2	-
Stoughton,	4,852	-	-	4	9	-	-	5	4
Walpole,	2,604	-	2	1	9	-	1	4	2
Wellesley,	3,600	-	1	3	1	-	1	6	-
Weymouth,	10,866	-	1	12	42	5	3	8	3
Wrentham,	2,566	-	-	4	4	-	-	6	1
PLYMOUTH Co.,	92,700	-	11	67	222	28	44	134	34
Abington,	4,260	-	-	3	4	2	2	4	-
Bridgewater,	4,249	-	-	2	10	1	-	6	
Brockton,	27,294	-	4	25	112	12	22	46	
Carver,	994	-	1	-	6	2	1	2	-
Duxbury,	1,908	-	-	-	2	1	2	3	-
East Bridgewater,	2,911	-	-	1	5	1	-	5	4
Halifax,	562	-	-	-	1	-	-	2	-
Hanover,	2,093	-	-	-	1	3	-	1	1
Hanson,	1,267	-	-	-	3	-	-	1	-
Hingham,	4,564	-	1	2	7	1	1	5	-
Hull,	989	-	-	-	-	1	1	-	-
Kingston,	1,659	-	1	-	4	-	-	-	-
Lakeville,	935	-	-	-	-	-	-	-	1
Marion,	871	-	-	1	-	-	-	4	2
Marshfield,	1,713	-	-	1	1	-	-	4	1
Mattapoisett,	1,148	-	-	2	-	-	-	4	-
Middleborough,	6,065	-	1	7	6	3	2	6	2
Norwell,	1,635	-	-	-	1	-	-	4	1
Pembroke,	1,320	-	-	-	-	-	1	1	1
Plymouth,	7,314	-	1	12	12	1	2	11	3
Plympton,	597	-	-	-	2	-	-	-	1
Rochester,	1,012	-	-	2	1	-	-	4	1
Rockland,	5,213	-	-	1	14	-	1	7	-
Scituate,	2,318	-	-	2	2	-	1	4	1
Wareham,	3,451	-	-	5	13	-	3	4	-
West Bridgewater,	1,917	-	-	1	3	-	2	1	2
Whitman,	4,441	-	2	-	12	-	3	5	1
SUFFOLK Co.,	484,780	7	383	501	2,672	156	509	862	229
Boston,	448,477	5	366	434	2,551	135	483	818	220
Chelsea,	27,909	2	14	65	101	18	24	35	8
Revere,	5,668	-	3	2	17	3	-	3	1
Winthrop,	2,726	-	-	-	3	-	2	6	-

Deaths from Special Causes for Five Years, 1886–90.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
1	-	4	5	1	10	73	58	6	21	27	-	3	1
-	-	-	1	-	1	4	9	3	2	3	-	-	-
-	-	1	-	-	4	42	20	5	2	9	1	1	1
-	-	2	10	-	12	47	32	6	11	11	-	3	2
-	-	1	-	-	3	22	16	3	3	3	-	1	-
-	6	2	12	-	38	115	61	23	17	34	-	3	-
-	-	-	1	-	-	21	6	2	4	2	-	-	-
-	-	-	1	1	7	36	12	6	6	11	-	-	-
1	-	-	1	-	3	4	6	3	2	3	-	-	-
-	-	3	-	-	13	30	28	5	8	8	-	4	-
-	1	2	2	1	9	30	29	6	5	9	-	1	-
-	-	1	-	-	2	13	2	1	5	2	-	-	-
-	1	1	3	1	7	37	17	4	3	13	-	2	-
1	2	3	14	-	79	186	110	38	40	62	-	10	2
-	4	2	4	-	13	67	36	4	16	9	-	3	1
1	-	-	1	1	9	21	17	-	11	4	-	2	-
-	3	2	4	-	18	72	25	6	16	11	-	3	1
1	-	1	1	1	6	38	13	7	7	9	-	-	-
-	2	1	2	-	4	40	19	7	5	9	-	-	1
1	3	4	12	-	32	136	71	41	27	24	-	5	-
-	-	1	-	-	6	22	16	4	5	5	-	-	-
16	46	43	71	5	239	1,112	492	177	275	194	1	26	8
-	-	3	4	1	14	51	33	7	11	10	-	-	-
1	3	5	15	1	7	163	30	5	16	7	-	2	-
5	19	9	5	2	87	322	124	55	64	34	-	7	4
1	-	-	-	-	3	9	7	-	-	5	-	1	-
-	1	1	-	-	-	16	17	5	11	5	-	1	-
-	2	1	4	-	8	31	27	5	11	9	-	1	-
-	-	2	1	-	2	6	3	1	3	-	-	-	-
-	1	2	1	-	5	24	8	4	6	4	-	-	-
-	1	1	1	-	2	19	11	6	2	1	-	-	-
3	2	2	4	-	10	38	14	14	24	15	-	1	-
-	-	-	-	-	2	9	1	2	2	20	-	-	-
-	2	1	2	-	5	8	10	5	12	3	-	-	1
-	1	2	1	-	1	7	6	1	2	1	-	-	-
-	-	3	-	-	1	8	6	3	4	1	-	-	-
-	1	1	1	-	4	17	7	5	13	7	-	1	-
-	-	1	-	-	-	4	8	1	8	3	-	1	-
3	2	-	3	1	26	48	30	7	7	11	-	3	1
-	-	1	2	-	2	18	9	6	6	3	-	1	-
-	2	3	2	-	2	15	11	4	5	3	-	-	-
-	2	-	9	-	18	75	40	14	27	10	1	2	-
-	-	-	1	-	2	8	1	-	3	1	-	-	-
-	-	-	-	-	1	14	9	1	4	1	-	-	-
1	2	-	7	-	14	77	31	4	6	6	-	1	-
-	-	1	3	-	6	21	11	4	8	14	-	-	-
-	4	2	2	-	9	44	12	8	14	12	-	-	-
-	-	1	1	-	2	15	7	5	1	3	-	1	1
2	1	1	2	-	6	45	19	5	5	5	-	3	1
77	273	298	1,082	115	2,508	8,328	4,715	2,399	1,505	2,021	54	247	197
70	261	253	1,033	111	2,331	7,887	4,435	2,301	1,386	1,924	53	235	195
6	8	36	37	4	121	384	231	86	106	69	1	9	2
1	4	5	2	-	36	43	30	11	7	22	-	3	-
-	-	4	10	-	20	14	19	1	6	6	-	-	-

SUPPLEMENT TO TABLE XIII. — Concluded.

COUNTIES AND TOWNS.	Population in 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria and Croup.	Cerebro-sp. Meningitis.	Whooping-cough	Typhoid Fever.	Erysipelas.
WORCESTER CO.,	280,787	1	110	187	945	100	122	475	105
Ashburnham,	2,074	-	3	1	-	1	2	1	1
Athol,	6,319	-	3	4	15	2	2	13	4
Auburn,	1,532	-	-	-	3	1	2	4	-
Barre,	2,239	-	3	-	5	1	-	5	1
Berlin,	884	-	-	-	-	-	-	1	1
Blackstone,	6,138	-	-	5	56	2	1	15	-
Bolton,	827	-	1	2	-	-	-	-	-
Boylston,	770	-	1	-	4	-	1	2	-
Brookfield,	3,352	-	5	6	14	4	2	19	1
Charlton,	1,847	-	-	7	2	1	1	3	2
Clinton,	10,424	-	4	15	23	3	7	11	2
Dana,	700	-	-	2	1	-	-	-	-
Douglas,	1,908	-	-	-	2	2	1	6	1
Dudley,	2,944	-	5	-	9	1	1	12	-
Fitchburg,	22,037	-	7	29	41	2	14	31	8
Gardner,	8,424	-	6	1	31	2	2	14	1
Grafton,	5,002	-	1	-	29	1	1	11	1
Hardwick,	2,922	-	3	1	9	-	2	12	1
Harvard,	1,095	-	-	1	1	-	1	3	-
Holden,	2,623	-	1	-	9	-	-	3	-
Hopedale,	1,176	-	-	-	1	-	-	2	1
Hubbardston,	1,346	-	-	-	-	-	1	4	-
Lancaster,	2,201	-	1	3	3	-	-	3	1
Leicester,	3,120	-	-	1	15	-	2	5	1
Leominster,	7,269	-	2	3	3	-	3	6	3
Lunenburg,	1,146	-	-	2	1	2	-	2	-
Mendon,	919	-	-	-	-	-	-	-	-
Milford,	8,780	-	2	5	17	4	2	21	4
Millbury,	4,428	-	-	4	20	6	2	4	1
New Braintree,	573	-	-	-	3	1	-	6	-
Northborough,	1,952	-	-	-	1	1	-	7	1
Northbridge,	4,603	-	1	1	28	6	7	10	1
North Brookfield,	3,871	-	4	2	15	1	4	11	-
Oakham,	738	-	-	-	1	1	-	1	1
Oxford,	2,616	-	1	-	5	1	1	3	-
Paxton,	445	-	1	-	1	-	-	1	-
Petersham,	1,050	-	-	1	-	-	-	2	1
Phillipston,	502	-	-	-	4	-	-	2	-
Princeton,	982	-	-	-	3	-	-	2	-
Royalston,	1,030	-	-	1	1	-	-	1	-
Rutland,	980	-	1	2	2	-	-	-	-
Shrewsbury,	1,449	-	-	-	-	-	-	4	2
Southborough,	2,114	-	-	-	3	2	3	3	1
Southbridge,	7,655	-	1	32	54	2	3	9	2
Spencer,	8,747	-	3	10	40	-	4	12	-
Sterling,	1,244	-	-	1	5	-	1	1	-
Sturbridge,	2,074	-	-	2	7	-	-	5	-
Sutton,	3,180	-	-	9	18	3	-	13	-
Templeton,	2,999	-	1	-	8	-	3	2	2
Upton,	1,878	-	1	-	2	4	1	4	2
Uxbridge,	3,408	-	-	7	11	7	1	9	2
Warren,	4,681	-	-	-	11	2	1	8	2
Webster,	7,031	-	4	9	57	6	8	11	5
Westborough,	5,195	-	1	-	43	-	1	6	2
West Boylston,	3,019	-	-	6	18	1	-	8	-
West Brookfield,	1,592	-	5	1	9	2	1	3	1
Westminster,	1,688	-	-	3	3	1	-	2	1
Winchendon,	4,390	-	-	-	13	2	1	7	3
Worcester,	84,655	1	38	17	265	22	32	109	41

Deaths from Special Causes for Five Years, 1886–90.

Metria (Puerperal Fever).	Childbirth.	Dysentery.	Diarrhœa.	Cholera Morbus.	Cholera Infantum.	Phthisis or Consumption.	Pneumonia.	Bronchitis.	Apoplexy.	Accident.	Homicide.	Suicide.	Alcoholism.
45	112	180	263	44	1,344	3,207	2,168	594	653	865	4	84	29
-	1	2	1	1	5	21	20	2	5	6	-	5	1
-	3	-	4	2	22	50	46	3	18	17	1	-	2
-	1	1	1	-	3	16	5	1	2	4	-	-	-
-	4	-	-	-	6	21	18	2	8	14	-	2	-
-	-	1	-	1	3	8	8	2	4	3	-	1	-
-	2	2	4	-	20	58	40	12	4	38	-	-	-
-	-	1	-	-	-	6	7	-	5	5	-	1	-
-	1	-	-	-	2	13	9	-	5	1	-	-	-
1	1	2	-	1	4	54	17	4	2	12	-	2	-
-	-	1	-	-	2	13	9	7	2	8	-	2	1
-	1	5	30	1	45	100	71	20	15	41	-	-	-
1	-	1	-	-	2	9	4	-	1	-	-	1	-
-	1	2	2	-	7	31	23	2	6	6	-	1	1
1	-	1	3	-	16	37	16	9	8	8	-	-	-
3	11	7	15	2	87	239	142	46	22	66	-	3	4
-	3	2	7	1	75	94	57	23	17	26	-	3	-
-	2	-	2	2	29	62	43	3	6	18	-	-	1
1	4	-	-	3	7	50	21	6	6	6	-	-	-
-	-	-	1	-	1	9	13	-	4	3	-	-	-
-	1	1	1	2	10	30	13	4	6	7	-	2	-
-	1	-	2	-	5	17	6	2	1	3	-	-	-
-	-	3	-	-	1	16	16	1	3	6	-	1	-
-	-	1	-	1	8	22	15	3	15	7	-	2	-
1	2	1	-	-	9	38	21	4	8	10	-	2	-
1	3	2	3	1	11	59	44	10	18	11	-	1	1
-	-	1	-	-	3	9	8	2	3	5	-	2	-
-	-	-	1	-	2	12	11	1	1	2	-	2	-
1	4	5	10	1	26	169	87	17	24	22	-	3	2
2	4	3	3	1	27	44	29	22	13	12	-	2	2
-	-	2	-	-	1	9	6	-	4	-	-	-	-
-	1	4	-	-	9	17	17	2	20	2	-	-	-
2	2	5	2	3	26	47	44	4	4	10	-	-	-
3	-	2	1	1	12	74	28	6	5	7	-	-	-
-	-	1	1	-	4	7	7	1	13	1	-	-	-
-	-	1	-	-	8	33	24	2	8	9	-	-	-
-	1	-	-	-	2	8	4	3	1	2	-	-	-
-	-	-	2	-	1	8	18	2	6	4	-	-	-
-	-	-	-	-	-	-	6	-	2	1	-	-	-
-	1	-	1	-	2	6	13	1	12	1	-	-	-
-	-	1	1	-	5	12	9	-	7	4	-	-	-
-	-	2	1	-	3	5	17	3	6	3	-	1	1
-	1	-	1	-	4	16	10	1	10	4	-	1	-
-	-	1	-	-	7	24	10	6	3	8	-	3	-
3	2	4	11	1	43	99	74	29	9	10	-	-	-
3	1	7	6	1	58	120	57	7	12	19	-	1	-
-	-	1	-	-	1	18	19	2	6	3	-	-	-
1	2	-	4	-	20	12	26	8	4	2	-	2	-
-	-	6	2	1	23	37	26	7	4	10	-	1	-
-	-	2	2	1	17	35	20	6	4	7	1	4	1
-	1	-	-	-	3	29	17	-	8	5	-	-	1
3	-	-	3	-	18	47	25	5	2	14	-	1	2
2	1	5	2	2	16	45	47	9	6	24	-	1	-
1	3	-	16	-	70	90	50	12	25	17	1	2	-
-	4	4	4	-	19	64	35	10	21	11	-	5	1
-	2	8	1	-	17	43	6	4	2	4	-	1	-
-	1	3	2	-	7	21	12	3	8	9	-	-	-
-	-	2	-	-	8	20	19	2	13	14	-	1	-
1	2	3	6	1	24	43	49	6	16	18	-	2	-
14	37	71	104	13	478	911	654	245	180	275	1	20	8

TABLE XIV. — GENERAL ABSTRACT FOR THE TWENTY-SIX YEARS, 1865–1890.

Exhibiting the Number of Births, Marriages and Deaths registered in the several Counties and Towns in Massachusetts for the Twenty-six Years, 1865–90, distinguishing the Sex of Children born and of Persons who died in each Town, and the Average Age of those deceased in each County, during the Period specified.

The State and Counties.	Births.				Marriages.	Deaths.				Average Ages for 26 Years, 1865–1890.
	Persons.	Sex.			Couples.	Persons.	Sex.			
		Males.	Fem.	Unk.			Males.	Fem.	Unk.	
MASSACHUSETTS, .	1,146,159	587,646	557,483	1,030	416,184	869,694	433,365	435,752	577	31·77
Barnstable, .	15,695	8,081	7,585	29	7,292	14,549	7,350	7,148	51	44·41
Berkshire, .	45,002	23,112	21,834	56	14,019	30,112	15,060	14,992	60	35·13
Bristol, . .	90,369	46,252	44,012	105	33,264	69,419	34,509	34,867	43	31·07
Dukes, . .	1,540	777	751	12	902	2,055	1,121	931	3	50·11
Essex, . .	146,917	75,354	71,441	122	58,031	116,121	57,703	58,335	83	32·35
Franklin, . .	17,853	9,226	8,599	28	7,353	14,908	7,392	7,485	31	42·01
Hampden, . .	70,168	35,930	34,173	65	24,926	49,094	24,407	24,652	35	28·85
Hampshire, .	25,962	13,367	12,575	20	10,067	21,127	10,308	10,796	23	37·35
Middlesex, .	207,527	106,323	100,947	257	73,645	154,144	75,612	78,461	71	30·96
Nantucket, .	1,430	730	697	3	825	2,642	1,258	1,382	2	52·74
Norfolk, . .	62,030	31,728	30,235	67	19,725	43,032	21,321	21,685	26	35·54
Plymouth, .	38,971	20,116	18,812	43	16,142	32,667	16,560	16,056	51	41·06
Suffolk, . .	275,105	140,614	134,474	17	100,407	216,985	109,380	107,585	20	27·11
Worcester, .	147,590	76,036	71,348	206	49,586	102,839	51,384	51,377	78	33·16

TABLE XIV. — *General Abstract for Twenty-six Years* — Con.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
BARNSTABLE COUNTY,	15,695	8,081	7,585	29	7,292	14,549	7,350	7,148	51
Barnstable,	1,703	837	855	11	983	1,861	893	964	4
Bourne,*	162	86	76	–	67	157	89	68	–
Brewster,	542	290	251	1	259	534	269	264	1
Chatham,	1,093	568	525	–	537	1,053	523	529	1
Dennis,	1,635	820	815	–	820	1,517	770	744	3
Eastham,	281	160	121	–	126	302	161	141	–
Falmouth,	982	486	495	1	471	1,155	580	574	1
Harwich,	1,580	830	748	2	893	1,241	617	604	20
Mashpee,†	188	104	84	–	63	155	79	76	–
Orleans,	555	284	271	–	335	744	363	381	–
Provincetown,	2,934	1,493	1,439	2	1,122	1,986	1,073	910	3
Sandwich,	1,615	845	770	–	615	1,385	724	659	2
Truro,	650	333	317	–	211	507	264	243	–
Wellfleet,	890	452	426	12	413	923	466	448	9
Yarmouth,	885	493	392	–	377	1,029	479	543	7
BERKSHIRE COUNTY,	45,002	23,112	21,834	56	14,019	30,112	15,060	14,992	60
Adams,	8,319	4,272	4,040	7	2,575	4,769	2,420	2,346	3
Alford,	187	90	97	–	67	189	90	99	–
Becket,	504	269	232	3	192	484	243	239	2
Cheshire,	883	454	428	1	275	600	321	276	3
Clarksburg,	388	197	191	–	70	228	120	108	–
Dalton,	1,129	570	559	–	351	804	385	416	3
Egremont,	317	153	163	1	174	338	181	156	1
Florida,	495	245	247	3	86	338	209	125	4
Great Barrington,	2,274	1,194	1,079	1	937	1,819	867	950	2
Hancock,	326	164	162	–	79	258	125	133	–
Hinsdale,	1,172	583	589	–	399	787	391	396	–
Lanesborough,	970	494	471	5	199	497	258	237	2
Lee,	2,391	1,207	1,183	1	812	1,953	961	992	–
Lenox,	1,508	797	711	–	277	773	382	388	3
Monterey,	288	138	149	1	126	303	151	152	–
Mount Washington,	72	35	37	–	47	69	36	33	–
New Ashford,	85	41	44	–	25	49	28	21	–
New Marlborough,	1,037	546	491	–	258	665	341	324	–
North Adams,	6,018	3,101	2,910	7	1,494	2,977	1,461	1,514	2
Otis,	297	184	113	–	176	320	169	151	–
Peru,	184	92	92	–	61	198	91	106	1
Pittsfield,	8,483	4,367	4,104	12	2,764	5,902	2,938	2,947	17
Richmond,	573	273	298	2	117	317	162	154	1
Sandisfield,	465	221	244	–	237	431	208	222	1
Savoy,	354	175	179	–	151	308	147	161	–
Sheffield,	1,195	662	531	2	427	1,016	514	501	1
Stockbridge,	941	486	453	2	372	825	412	412	1
Tyringham,	321	155	166	–	112	231	110	120	1
Washington,	198	109	89	–	65	176	81	95	–
West Stockbridge,	1,259	637	621	1	344	836	431	403	2
Williamstown,	2,091	1,065	1,019	7	630	1,407	704	693	10
Windsor,	278	136	142	–	120	245	123	122	–
BRISTOL COUNTY,	90,369	46,252	44,012	105	33,264	69,419	34,509	34,867	43
Acushnet,	451	250	201	–	208	454	221	232	1
Attleborough,	7,214	3,738	3,462	14	2,184	3,952	1,941	2,009	2
Berkley,	292	147	145	–	152	335	170	164	1
Dartmouth,	1,683	849	834	–	623	1,526	774	752	–
Dighton,	977	490	479	8	420	758	335	420	3
Easton,	2,444	1,287	1,157	–	647	1,596	817	778	1
Fairhaven,	1,095	550	545	–	536	1,273	603	665	5
Fall River,	35,313	17,975	17,304	34	12,218	27,462	13,667	13,793	2
Freetown,	591	309	279	3	277	638	333	300	5
Mansfield,	1,555	768	787	–	530	1,153	575	577	1
New Bedford,	17,612	8,853	8,741	18	8,220	14,331	7,112	7,207	12

* Seven years only. † Twenty-one years only.

TABLE XIV. — *General Abstract for Twenty-six Years* — Con.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
Bristol — Con.									
North Attleborough,*	560	288	272	-	184	301	142	159	-
Norton,	715	385	329	1	289	693	330	363	-
Raynham,	788	404	384	-	302	646	342	304	-
Rehoboth,	834	442	392	-	370	784	387	397	-
Seekonk,	513	273	238	2	149	586	262	324	-
Somerset,	1,551	803	748	-	372	951	498	451	2
Swanzey,	643	347	296	-	299	599	310	289	-
Taunton,	14,110	7,363	6,727	20	4,768	10,204	5,087	5,109	8
Westport,	1,428	731	692	5	516	1,177	603	574	-
DUKES COUNTY,	1,540	777	751	12	902	2,055	1,121	931	3
Chilmark,	164	78	83	3	103	177	89	87	1
Cottage City,†	157	84	73	-	79	206	116	90	-
Edgartown,	550	273	274	3	339	753	377	376	-
Gay Head,‡	111	64	46	1	35	106	55	49	2
Gosnold,	40	16	24	-	22	35	26	9	-
Tisbury,	518	262	251	5	324	778	458	320	-
ESSEX COUNTY,	146,917	75,354	71,441	122	58,031	116,121	57,703	58,335	83
Amesbury,	3,805	1,903	1,890	12	1,297	2,603	1,286	1,312	5
Andover,	2,750	1,413	1,337	-	972	2,299	1,123	1,175	1
Beverly,	4,291	2,220	2,070	1	1,892	3,289	1,543	1,746	-
Boxford,	373	184	189	-	141	327	165	162	-
Bradford,	1,345	670	674	1	405	1,048	509	538	1
Danvers,	3,498	1,797	1,694	7	1,336	3,472	1,747	1,717	8
Essex,	756	378	373	5	317	746	355	390	1
Georgetown,	858	440	418	-	391	856	420	436	-
Gloucester,	14,127	7,191	6,926	10	4,787	10,480	6,435	4,038	7
Groveland,	1,063	520	543	-	375	868	435	430	3
Hamilton,	338	160	176	2	195	345	182	161	2
Haverhill,	11,259	5,744	5,512	3	5,322	7,968	3,851	4,104	13
Ipswich,	1,768	926	840	2	888	1,902	933	968	1
Lawrence,	26,161	13,501	12,620	40	10,338	19,533	9,312	10,212	9
Lynn,	23,495	12,040	11,441	14	10,564	17,189	8,403	8,777	9
Lynnfield,	336	176	160	-	155	307	153	154	-
Manchester,	842	445	396	1	311	756	359	397	-
Marblehead,	4,908	2,532	2,376	-	1,759	4,092	2,075	2,017	-
Merrimac,§	719	356	363	-	243	535	278	257	-
Methuen,	2,224	1,148	1,075	1	773	1,752	878	873	1
Middleton,	467	245	222	-	197	400	184	216	-
Nahant,	360	177	183	-	75	224	118	106	-
Newbury,	665	345	319	1	238	563	269	294	-
Newburyport,	8,003	4,246	3,753	4	3,379	7,102	3,366	3,732	4
North Andover,	1,907	972	934	1	548	1,303	644	657	2
Peabody,	6,087	3,055	3,032	-	1,484	3,928	1,907	2,021	-
Rockport,	2,630	1,363	1,263	4	1,020	1,949	1,018	929	2
Rowley,	565	285	279	1	253	527	279	248	-
Salem,	14,748	7,552	7,193	3	5,922	14,457	6,886	7,561	10
Salisbury,	2,271	1,136	1,134	1	847	1,746	826	920	-
Saugus,	1,357	679	670	8	456	1,016	495	520	1
Swampscott,	1,168	618	550	-	395	855	428	425	2
Topsfield,	513	283	230	-	226	468	247	221	-
Wenham,	423	202	221	-	192	384	173	211	-
West Newbury,	837	452	385	-	338	832	421	410	1
FRANKLIN COUNTY,	17,853	9,226	8,599	28	7,353	14,908	7,392	7,485	31
Ashfield,	431	235	195	1	145	449	217	232	-
Bernardston,	414	209	205	-	220	396	199	196	1
Buckland,	1,081	526	553	2	370	823	426	397	-
Charlemont,	348	179	169	-	212	406	192	213	1
Colrain,	777	415	362	-	399	625	298	327	-
Conway,	783	414	368	1	318	710	346	364	-

* Four years only. † Eleven years only. ‡ Twenty years only. § Fourteen years only.

TABLE XIV. — *General Abstract for Twenty-six Years* — Con.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
Franklin — Con.									
Deerfield,	1,931	1,012	911	8	505	1,395	696	693	6
Erving,	333	159	174	-	159	311	167	143	1
Gill,*	167	84	83	-	99	256	136	119	1
Greenfield,	2,302	1,188	1,111	3	1,153	1,640	777	861	2
Hawley,	288	151	136	1	98	233	119	112	2
Heath,	263	128	135	-	133	196	85	110	1
Leverett,	329	172	157	-	157	361	180	180	1
Leyden,	217	92	124	1	87	183	86	95	2
Monroe,	95	50	45	-	43	74	41	33	-
Montague,	3,216	1,674	1,541	1	934	1,947	1,014	932	1
New Salem,	388	212	175	1	170	441	211	230	-
Northfield,	684	350	331	3	297	728	378	348	2
Orange,	1,436	735	698	3	678	1,234	608	620	6
Rowe,	203	114	89	-	110	230	108	122	-
Shelburne,	607	318	288	1	329	686	344	339	3
Shutesbury,	234	112	121	1	134	285	134	151	-
Sunderland,	345	189	156	-	119	346	155	191	-
Warwick,	287	154	133	-	160	327	155	171	1
Wendell,	212	106	106	-	135	207	112	95	-
Whately,	482	248	233	1	189	419	208	211	-
HAMPDEN COUNTY,	70,168	35,930	34,173	65	24,926	49,094	24,407	24,652	35
Agawam,	1,406	706	697	3	360	973	488	482	3
Blandford,	469	229	239	1	161	444	218	226	-
Brimfield,	537	254	279	4	190	534	257	277	-
Chester,	722	363	358	1	243	530	286	244	-
Chicopee,	7,726	3,916	3,809	1	2,869	5,827	2,830	2,997	-
Granville,	585	279	304	2	229	481	238	242	1
Hampden,†	170	98	72	-	81	188	102	86	-
Holland,	143	78	63	2	54	144	63	80	1
Holyoke,	18,784	9,757	9,023	4	6,102	11,427	5,694	5,732	1
Longmeadow,	942	483	459	-	292	730	348	382	-
Ludlow,	859	444	413	2	348	608	315	290	3
Monson,	1,806	911	891	4	586	1,848	975	872	1
Montgomery,	158	84	74	-	57	149	78	71	-
Palmer,	3,497	1,723	1,770	4	1,516	2,050	1,012	1,037	1
Russell,	468	241	226	1	170	351	179	170	2
Southwick,	442	223	219	-	230	427	206	218	3
Springfield,	22,260	11,385	10,864	11	8,263	15,681	7,743	7,928	10
Tolland,	215	118	94	3	70	161	92	65	4
Wales,	423	227	196	-	207	340	161	179	-
Westfield,	4,682	2,457	2,211	14	1,896	3,559	1,780	1,775	4
West Springfield,	2,861	1,418	1,438	5	625	1,840	921	919	-
Wilbraham,	1,013	536	474	3	377	802	421	380	1
HAMPSHIRE COUNTY,	25,962	13,367	12,575	20	10,067	21,127	10,308	10,796	23
Amherst,	1,876	961	915	-	810	1,606	762	844	-
Belchertown,	1,146	582	563	1	461	1,045	506	535	4
Chesterfield,	352	177	175	-	173	350	183	167	-
Cummington,	406	200	206	-	176	367	173	194	-
Easthampton,	2,256	1,162	1,093	1	816	1,788	830	953	5
Enfield,	546	301	245	-	261	493	221	272	-
Goshen,	166	80	85	1	66	149	73	76	-
Granby,	370	191	179	-	123	334	156	178	-
Greenwich,	219	114	105	-	100	317	156	159	2
Hadley,	1,143	562	580	1	315	961	466	495	-
Hatfield,	1,109	575	534	-	194	649	321	328	-
Huntington,	679	349	330	-	282	590	298	291	1
Middleton,	330	162	167	1	107	256	122	133	1
Northampton,	7,355	3,866	3,479	10	3,004	5,460	2,726	2,732	2
Pelham,	205	95	110	-	157	249	124	125	-
Plainfield,	185	88	96	1	91	208	104	104	-
Prescott,	188	85	103	-	112	199	99	100	-
South Hadley,	1,915	1,009	905	1	597	1,427	739	684	4

* Twenty-four years only; no returns in 1881 and 1882. † Thirteen years only.

TABLE XIV. — *General Abstract for Twenty-six Years* — Con.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
Hampshire — Con.									
Southampton,	587	295	289	3	271	557	263	294	-
Ware,	3,111	1,598	1,513	-	1,267	2,604	1,297	1,304	3
Westhampton,	328	160	168	-	91	260	121	139	-
Williamsburg,	1,105	546	559	-	433	899	404	494	1
Worthington,	385	209	176	-	160	359	164	195	-
MIDDLESEX COUNTY,	207,527	106,323	100,947	257	73,645	154,144	75,612	78,461	71
Acton,	846	448	397	1	336	770	381	389	-
Arlington,	2,701	1,358	1,343	-	806	1,885	954	931	-
Ashby,	326	175	150	1	201	462	217	244	1
Ashland,	1,566	836	727	3	531	1,058	556	501	1
Ayer,*	1,058	514	544	-	310	659	344	315	-
Bedford,	429	229	198	2	147	433	214	218	1
Belmont,	1,055	547	508	-	278	676	331	342	3
Billerica,	904	472	432	-	356	796	386	410	-
Boxborough,	161	83	78	-	70	116	50	66	-
Brighton,†	1,358	701	655	2	314	809	427	382	-
Burlington,	259	141	117	1	104	255	134	120	1
Cambridge,	37,385	19,006	18,327	52	11,632	25,520	12,465	13,042	13
Carlisle,	229	123	106	-	105	262	118	144	-
Charlestown,†	6,403	3,228	3,167	8	3,049	5,768	2,907	2,853	8
Chelmsford,	1,248	641	607	-	376	1,012	470	542	-
Concord,	1,663	882	769	12	687	1,230	638	592	-
Dracut,	744	372	372	-	195	640	308	331	1
Dunstable,	116	58	58	-	69	200	80	120	-
Everett,‡	2,888	1,441	1,446	1	762	1,709	848	859	2
Framingham,	3,925	1,982	1,942	1	1,475	2,641	1,277	1,364	-
Groton,	1,179	583	595	1	536	969	480	489	-
Holliston,	1,593	826	764	3	649	1,365	664	701	-
Hopkinton,	2,524	1,275	1,244	5	678	1,817	906	910	1
Hudson,§	2,349	1,209	1,139	1	804	1,446	709	737	-
Lexington,	1,014	532	482	-	440	1,129	530	599	-
Lincoln,	437	229	208	-	102	290	148	142	-
Littleton,	420	237	182	1	176	410	196	212	2
Lowell,	36,666	18,887	17,697	82	17,618	31,316	14,589	16,724	3
Malden,	8,469	4,311	4,153	5	2,913	5,244	2,581	2,660	3
Marlborough,	8,310	4,271	4,032	7	2,126	4,325	2,184	2,139	2
Maynard,*	1,294	673	621	-	377	730	364	366	-
Medford,	3,887	2,023	1,856	8	1,356	2,962	1,423	1,539	-
Melrose,	2,752	1,421	1,330	1	1,000	1,825	864	958	3
Natick,	5,565	2,775	2,774	16	1,566	3,341	1,661	1,680	-
Newton,	9,316	4,756	4,559	1	3,236	5,734	2,776	2,955	3
North Reading,	476	235	241	-	206	453	215	238	-
Pepperell,	1,295	665	629	1	528	1,091	552	538	1
Reading,	1,377	704	672	1	665	1,267	621	646	-
Sherborn,	596	311	282	3	188	547	233	310	4
Shirley,	572	284	288	-	283	571	282	289	-
Somerville,	16,811	8,635	8,169	7	4,533	11,168	5,591	5,574	3
Stoneham,	2,565	1,342	1,223	-	921	2,019	946	1,073	-
Stow,	596	299	297	-	238	456	230	225	1
Sudbury,	667	340	327	-	201	559	260	299	-
Tewksbury,	616	308	308	-	206	616	317	299	-
(*State Almshouse*),	2,001	1,033	968	-	-	6,324	3,742	2,582	-
Townsend,	949	510	435	4	441	979	484	494	1
Tyngsborough,	188	104	84	-	115	314	158	156	-
Wakefield,	3,211	1,660	1,548	3	1,307	2,347	1,174	1,171	2
Waltham,	7,799	3,996	3,796	7	3,144	4,933	2,339	2,586	8
Watertown,	3,182	1,676	1,499	7	1,291	2,278	1,087	1,190	1
Wayland,	1,012	518	494	-	339	686	354	332	-
Westford,	1,123	565	552	6	390	860	409	449	2
Weston,	542	279	263	-	193	461	225	236	-
Wilmington,	501	236	264	1	210	442	217	225	-
Winchester,	2,178	1,105	1,073	-	739	1,277	622	655	-
Woburn,	8,231	4,273	3,956	2	2,127	4,692	2,374	2,318	-

* Twenty years only.
† Ten years only, annexed to Boston, 1873.
‡ Twenty-one years only.
§ Twenty-five years only.

TABLE XIV. — *General Abstract for Twenty-six Years* — Con.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Males.	Fem.	Unk.			Males.	Fem.	Unk.
NANTUCKET COUNTY,	1,430	730	697	3	825	2,642	1,258	1,382	2
NORFOLK COUNTY,	62,030	31,728	30,235	67	19,725	43,032	21,321	21,685	26
Avon,*	62	34	28	-	30	65	39	26	-
Bellingham,	693	351	341	1	242	558	284	272	2
Braintree,	2,326	1,180	1,142	4	773	1,838	942	896	-
Brookline,	5,714	2,913	2,793	8	1,791	3,016	1,445	1,571	-
Canton,	2,231	1,129	1,099	3	783	1,689	826	862	1
Cohasset,	1,221	620	601	-	441	963	473	490	-
Dedham,	4,061	2,057	1,998	6	1,284	2,864	1,407	1,456	1
Dorchester,†	1,458	720	735	3	489	893	416	474	3
Dover,	226	125	101	-	108	282	144	138	-
Foxborough,	1,126	569	554	3	561	1,115	511	603	1
Franklin,	1,798	917	881	-	664	1,370	663	703	4
Holbrook,‡	945	487	458	-	311	581	276	305	-
Hyde Park,§	4,338	2,180	2,150	8	1,239	2,532	1,203	1,328	1
Medfield,	516	259	256	1	279	522	224	298	-
Medway,	1,856	968	887	1	666	1,563	771	792	-
Millis,‖	68	31	37	-	29	70	27	43	-
Milton,	1,753	916	836	1	608	1,253	629	624	-
Needham,	2,239	1,150	1,087	2	637	1,436	723	713	-
Norfolk,§	467	229	238	-	126	315	157	158	-
Norwood,‡	1,318	723	595	-	396	714	366	347	1
Quincy,	7,550	3,885	3,653	12	2,131	4,811	2,566	2,244	1
Randolph,	2,708	1,396	1,311	1	816	2,172	1,099	1,069	4
Roxbury,¶	2,634	1,351	1,283	-	736	1,746	818	925	3
Sharon,	589	288	298	3	253	717	355	362	-
Stoughton,	3,027	1,567	1,460	-	934	2,222	1,119	1,101	2
Walpole,	1,268	664	601	3	449	1,092	545	546	1
Wellesley,**	542	272	270	-	163	369	156	213	-
West Roxbury,††	1,950	975	975	-	399	1,081	526	554	1
Weymouth,	6,265	3,233	3,028	4	1,965	4,179	2,118	2,061	-
Wrentham,	1,081	539	539	3	422	1,004	493	511	-
PLYMOUTH COUNTY,	38,971	20,116	18,812	43	16,142	32,667	16,560	16,056	51
Abington,	3,519	1,832	1,687	-	1,250	2,179	1,120	1,049	10
Bridgewater,	2,305	1,223	1,079	3	725	2,768	1,670	1,095	3
Brockton,	8,652	4,415	4,232	5	3,805	5,754	2,867	2,872	15
Carver,	508	274	234	-	218	444	242	202	-
Duxbury,	877	458	416	3	416	978	497	477	4
East Bridgewater,	1,258	635	623	-	605	1,242	652	589	1
Halifax,	267	131	136	-	127	268	120	147	1
Hanover,	886	450	436	-	368	791	394	393	4
Hanson,	588	299	289	-	262	512	253	259	-
Hingham,	2,252	1,175	1,069	8	805	2,085	995	1,088	2
Hull,	157	75	79	3	68	233	151	82	-
Kingston,	646	339	306	1	297	694	316	378	-
Lakeville,	424	201	223	-	211	438	207	231	-
Marion,	394	183	211	-	192	427	208	219	-
Marshfield,	652	337	310	5	304	733	348	382	3
Mattapoisett,	418	209	208	1	286	623	307	315	1
Middleborough,	2,289	1,146	1,143	-	1,068	2,030	982	1,047	1
Norwell,	746	395	347	4	369	809	387	421	1
Pembroke,	605	317	288	-	296	627	308	317	2
Plymouth,	4,028	2,067	1,956	5	1,583	3,220	1,567	1,653	-
Plympton,	268	130	138	-	163	357	179	177	1
Rochester,	480	247	233	-	221	441	220	221	-
Rockland,‡‡	1,583	848	735	-	584	1,158	598	558	2
Scituate,	1,159	618	540	1	466	1,122	574	548	-
Wareham,	2,093	1,105	988	-	710	1,333	687	646	-
West Bridgewater,	739	382	353	4	282	659	327	332	-
Whitman,	1,178	625	553	-	461	742	384	358	-

* Three years only.
† Five years, annexed to Boston, 1869.
‡ Nineteen years only.
§ Twenty years only.
‖ Six years only.
¶ Three years only, annexed to Boston, 1867.
** Ten years only.
†† Ten years only.
‡‡ Seventeen years only.

TABLE XIV. — *General Abstract for Twenty-six Years* — Con.

Counties and Towns.	Births.				Marriages.	Deaths.			
	Persons.	Sex.			Couples.	Persons.	Sex.		
		Male.	Fem.	Unk.			Males.	Fem.	Unk.
SUFFOLK COUNTY,	275,105	140,614	134,474	17	100,407	216,985	109,380	107,585	20
Boston,	259,095	132,688	126,406	1	94,281	205,016	103,395	101,620	1
Chelsea,	14,245	7,024	7,213	8	5,602	10,627	5,311	5,300	16
Revere,	1,263	649	608	6	327	891	454	435	2
Winthrop,	502	253	247	2	197	451	220	230	1
WORCESTER COUNTY,	147,590	76,036	71,348	206	49,586	102,839	51,384	51,377	78
Ashburnham,	1,103	568	533	2	460	976	517	459	-
Athol,	1,852	986	864	2	1,135	1,818	912	906	-
Auburn,	581	308	273	-	250	451	233	218	-
Barre,	1,017	517	500	-	508	1,144	566	577	1
Berlin,	473	245	228	-	197	403	185	216	2
Blackstone,	3,386	1,761	1,615	10	1,162	2,081	1,095	983	3
Bolton,	414	192	222	-	180	483	227	256	-
Boylston,	375	206	168	1	155	363	180	183	-
Brookfield,	1,632	824	807	1	571	1,224	618	605	1
Charlton,	726	404	322	-	359	747	362	383	2
Clinton,	5,446	2,887	2,552	7	1,929	3,110	1,534	1,573	3
Dana,	292	150	141	1	169	336	162	173	1
Douglas,	1,693	888	805	-	494	1,147	574	571	2
Dudley,	2,055	1,039	1,016	-	309	1,321	663	656	2
Fitchburg,	9,162	4,654	4,505	3	3,449	5,828	2,883	2,943	2
Gardner,	3,858	2,040	1,818	-	1,166	2,224	1,102	1,122	-
Grafton,	2,497	1,299	1,188	10	933	1,791	861	928	2
Hardwick,	1,466	758	707	1	536	821	393	427	1
Harvard,	386	184	202	-	176	603	270	333	-
Holden,	1,378	703	669	6	489	920	463	457	-
Hopedale,*	100	55	45	-	44	83	53	30	-
Hubbardston,	547	301	246	-	275	653	316	334	3
Lancaster,	681	343	335	3	342	785	382	403	-
Leicester,	1,576	815	761	-	499	1,288	673	615	-
Leominster,	2,948	1,481	1,460	7	960	2,213	1,055	1,158	-
Lunenburg,	406	217	189	-	214	549	275	274	-
Mendon,	604	315	289	-	171	489	242	246	1
Milford,	6,267	3,216	3,049	2	1,829	4,778	2,433	2,344	1
Millbury,	3,412	1,749	1,662	1	1,030	2,157	1,097	1,058	2
New Braintree,	214	112	99	3	94	232	108	123	1
Northborough,	944	480	464	-	366	697	340	357	-
Northbridge,	2,714	1,385	1,328	1	816	1,761	884	877	-
North Brookfield,	2,864	1,444	1,420	-	934	1,792	901	888	3
Oakham,	406	208	196	2	149	406	203	202	1
Oxford,	1,396	708	688	-	459	1,221	590	630	1
Paxton,	218	111	107	-	102	302	148	154	-
Petersham,	463	244	219	-	238	553	270	282	1
Phillipston,	244	122	121	1	134	270	130	140	-
Princeton,	408	200	208	-	189	519	242	277	-
Royalston,	466	258	203	5	282	594	276	318	-
Rutland,	537	274	263	-	197	465	245	220	-
Shrewsbury,	816	446	368	2	254	727	359	368	-
Southborough,	1,129	570	556	3	422	777	383	394	-
Southbridge,	4,972	2,520	2,451	1	1,495	3,037	1,421	1,613	3
Spencer,	6,152	3,144	3,001	7	1,095	3,056	1,554	1,494	8
Sterling,	584	290	291	3	254	698	320	374	4
Sturbridge,	1,094	537	555	2	435	915	447	468	-
Sutton,	2,085	1,079	990	16	688	1,296	647	645	4
Templeton,	1,506	795	699	12	608	1,222	589	633	-
Upton,	953	469	484	-	380	814	393	421	-
Uxbridge,	1,793	941	850	2	659	1,262	623	638	1
Warren,	2,549	1,346	1,203	-	794	1,411	705	706	-
Webster,	4,643	2,404	2,229	10	1,703	2,796	1,413	1,381	2
Westborough,	2,668	1,383	1,282	3	864	2,047	1,020	1,027	-
West Boylston,	2,222	1,111	1,111	-	759	1,338	665	673	-
West Brookfield,	975	503	472	-	341	785	391	392	2
Westminster,	745	369	374	2	322	825	393	432	-
Winchendon,	2,062	1,067	979	16	869	1,682	829	846	7
Worcester,	43,435	22,411	20,966	58	13,693	28,553	14,569	13,973	11

* Five years only.

TABLE XV. — BIRTHS. — TWENTY-SIX YEARS, 1865–90.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Children BORN ALIVE *during the Twenty-six Years, 1865–90, also, for the entire State, the Percentage of the Numbers in each Month (distinguishing Sex) to the Total Number.*

Years and Months.	SEX.	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
26 Years.	Totals, .	100·00	1,146,159	15,695	45,002	90,369	2,970	146,917	17,853	70,168	25,962	207,527	62,030	38,971	275,105	147,590
	Males, .	51·27	587,646	8,081	23,112	46,252	1,507	75,354	9,226	35,930	13,367	106,323	31,728	20,116	140,614	76,036
	Fem , .	48·64	557,483	7,585	21,834	44,012	1,448	71,441	8,599	34,173	12,575	100,947	30,235	18,812	134,474	71,348
	Unk , .	·09	1,030	29	56	105	15	122	28	65	20	257	67	43	17	206
Jan.	Totals, .	7·81	89,520	1,118	3,481	7,002	212	11,204	1,257	5,555	1,994	15,714	4,647	2,948	22,614	11,774
	Males, .	4·01	45,999	550	1,795	3,658	107	5,825	695	2,801	1,023	8,117	2,354	1,483	11,448	6,143
	Fem., .	3·79	43,429	568	1,683	3,334	102	5,372	560	2,747	967	7,571	2,288	1,463	11,166	5,608
	Unk., .	·01	92	–	3	10	3	7	2	7	4	26	5	2	–	23
Feb.	Totals, .	7·43	85,118	987	3,369	6,794	206	10,769	1,278	5,048	1,852	15,218	4,575	2,839	21,331	10,852
	Males, .	3·82	43,715	502	1,723	3,458	94	5,550	650	2,581	998	7,875	2,341	1,468	10,775	5,700
	Fem., .	3·61	41,333	484	1,640	3,331	111	5,213	628	2,463	851	7,323	2,228	1,370	10,554	5,137
	Unk., .	–	70	1	6	5	1	6	–	4	3	20	6	1	2	15
March.	Totals, .	8·24	94,409	1,094	3,766	7,213	236	12,239	1,459	5,689	2,248	16,881	5,139	3,273	22,988	12,184
	Males, .	4·22	48,369	554	1,970	3,695	125	6,329	762	2,856	1,121	8,519	2,617	1,694	11,834	6,293
	Fem., .	4·01	45,948	540	1,792	3,510	110	5,900	697	2,823	1,124	8,340	2,519	1,574	11,153	5,866
	Unk., .	·01	92	–	4	8	1	10	–	10	3	22	3	5	1	25

TABLE XV. — Concluded.

Years and Months.	SEX.	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
April.	Totals, .	7·67	87,939	1,050	3,697	7,042	226	11,196	1,415	5,421	2,043	15,554	4,808	3,123	20,640	11,724
	Males, .	3·92	44,944	545	1,831	3,593	117	5,722	745	2,698	1,058	7,910	2,488	1,602	10,615	6,020
	Fem., .	3·75	42,931	505	1,860	3,445	108	5,466	669	2,722	984	7,623	2,317	1,516	10,024	5,692
	Unk., .	–	64	–	6	4	1	8	1	1	1	21	3	5	1	12
May.	Totals, .	7·92	90,828	1,059	3,693	7,091	263	11,660	1,525	5,594	2,094	16,188	4,866	3,155	21,328	12,312
	Males, .	4·04	46,306	571	1,909	3,628	129	5,920	774	2,836	1,063	8,276	2,525	1,680	10,843	6,152
	Fem , .	3·87	44,450	486	1,781	3,461	133	5,730	748	2,751	1,031	7,894	2,338	1,474	10,484	6,139
	Unk., .	·01	72	2	3	2	1	10	3	7	–	18	3	1	1	21
June.	Totals,	8·02	91,938	1,164	3,629	7,222	255	11,952	1,360	5,627	2,112	16,670	4,966	3,064	21,943	11,974
	Males, .	4·13	47,406	612	1,861	3,759	140	6,106	715	2,959	1,081	8,621	2,552	1,568	11,299	6,133
	Fem , .	3·88	44,451	551	1,763	3,455	115	5,835	645	2,663	1,030	8,021	2,410	1,492	10,643	5,828
	Unk , .	·01	81	1	5	8	–	11	–	5	1	28	4	4	1	13
July.	Totals, .	8·77	100,459	1,527	4,041	7,943	266	12,814	1,618	6,260	2,299	17,849	5,354	3,381	24,060	13,047
	Males, .	4·49	51,395	774	2,038	3,979	136	6,533	844	3,200	1,157	9,102	2,778	1,741	12,465	6,648
	Fem., .	4·27	48,980	752	1,999	3,952	128	6,269	772	3,058	1,141	8,730	2,567	1,635	11,594	6,383
	Unk , .	·01	84	1	4	12	2	12	2	2	1	17	9	5	1	16
Aug.	Totals, .	9·17	105,073	1,662	4,016	8,113	301	13,778	1,714	6,410	2,371	19,223	5,670	3,515	24,759	13,541
	Males, .	4·71	53,921	857	2,076	4,134	152	7,025	855	3,328	1,247	9,854	2,938	1,840	12,626	6,989
	Fem., .	4·45	51,074	802	1,938	3,970	149	6,744	857	3,075	1,123	9,348	2,725	1,671	12,132	6,540
	Unk., .	·01	78	3	2	9	–	9	2	7	1	21	7	4	1	12

Sept.	Totals, .	8·73	100,041	1,593	4,022	7,927	270	12,789	1,674	6,099	2,284	18,426	5,527	3,451	23,337	12,642
	Males, .	4·48	51,347	834	2,076	4,064	134	6,538	879	3,145	1,164	9,487	2,869	1,739	11,898	6,520
	Fem., .	4·24	48,614	756	1,944	3,857	134	6,238	791	2,948	1,117	8,919	2,655	1,709	11,438	6,108
	Unk., .	·01	80	3	2	6	2	13	4	6	3	20	3	3	1	14
Oct.	Totals, .	8·84	101,420	1,582	3,971	8,023	271	12,922	1,617	6,219	2,318	18,512	5,564	3,490	24,090	12,841
	Males, .	4·55	52,138	795	2,084	4,078	146	6,650	850	3,250	1,219	9,390	2,826	1,814	12,333	6,703
	Fem , .	4·29	49,211	781	1,882	3,941	123	6,267	762	2,968	1,098	9,109	2,734	1,671	11,755	6,125
	Unk , .	–	71	6	5	4	2	5	5	6	1	13	4	5	2	13
Nov.	Totals, .	8·51	97,548	1,458	3,557	7,794	246	12,561	1,468	6,055	2,082	17,959	5,239	3,301	23,649	12,179
	Males, .	4·36	50,069	759	1,835	3,988	121	6,491	724	3,059	1,052	9,298	2,577	1,720	12,138	6,307
	Fem , .	4·14	47,393	692	1,713	3,789	123	6,057	741	2,994	1,030	8,650	2,658	1,579	11,511	5,856
	Unk., .	·01	86	7	9	17	2	13	3	2	–	11	4	2	-	16
Dec.	Totals, .	8·86	101,560	1,392	3,736	8,148	216	13,017	1,462	6,158	2,256	19,260	5,655	3,426	24,355	12,479
	Males, .	4·53	51,924	726	1,905	4,196	105	6,659	731	3,202	1,182	9,844	2,856	1,764	12,336	6,418
	Fem , .	4·32	49,511	663	1,827	3,937	111	6,341	727	2,950	1,073	9,384	2,785	1,656	12,013	6,044
	Unk., .	·01	125	3	4	15	–	17	4	6	1	32	14	6	6	17
Not stated.	Totals, .	·03	306	9	24	57	2	16	6	33	9	73	20	5	11	41
	Males, .	·01	113	2	9	22	1	6	2	15	2	30	7	3	4	10
	Fem., .	·02	158	5	12	30	1	9	2	16	6	35	11	2	7	22
	Unk., .	–	35	2	3	5	–	1	2	2	1	8	2	–	–	9

Supplement to Table XV.

PLURALITY BIRTHS. — Twenty-six Years, 1865–90.

[Included in Tables XIV. and XV.]

Years and Months.	SEX.	State.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
26 Years.	Tot	20,759	305	1,038	1,421	64	2,797	379	1,257	490	3,856	1,271	742	4,350	2,789
	Ma.	10,472	135	536	700	31	1,415	201	600	248	1,939	673	370	2,214	1,410
	Fe.	10,281	170	502	721	31	1,382	176	657	242	1,917	598	372	2,136	1,377
	Un.	6	–	–	–	2	–	2	–	–	–	–	–	–	2
Jan.	Tot.	1,537	28	75	97	8	217	26	66	36	274	94	63	347	206
	Ma.	782	12	42	47	2	112	11	31	19	134	51	31	187	103
	Fe.	753	16	33	50	4	105	15	35	17	140	43	32	160	103
	Un.	2	–	–	–	2	–	–	–	–	–	–	–	–	–
Feb.	Tot.	1,422	22	64	108	6	177	28	94	26	275	94	38	290	200
	Ma.	701	10	29	46	1	91	10	48	15	140	53	20	141	97
	Fe.	721	12	35	62	5	86	18	46	11	135	41	18	149	103
March.	Tot.	1,528	14	78	84	2	182	33	79	54	291	119	71	299	222
	Ma.	747	4	46	36	2	88	25	36	22	143	69	32	144	100
	Fe.	781	10	32	48	–	94	8	43	32	148	50	39	155	122
April.	Tot.	1,639	20	76	123	10	222	30	88	34	317	105	54	313	247
	Ma.	804	8	42	58	4	119	13	42	18	146	50	29	145	130
	Fe.	835	12	34	65	6	103	17	46	16	171	55	25	168	117
May.	Tot.	1,650	24	80	96	4	221	39	110	44	336	69	68	308	251
	Ma.	843	10	38	52	3	97	19	58	22	170	35	43	169	127
	Fe.	807	14	42	44	1	124	20	52	22	166	34	25	139	124
June.	Tot.	1,820	20	98	121	4	270	30	114	36	306	140	50	395	236
	Ma.	927	10	44	64	1	141	23	54	19	159	85	22	188	117
	Fe.	893	10	54	57	3	129	7	60	17	147	55	28	207	119
July.	Tot.	1,799	36	91	130	4	252	30	116	44	336	97	46	347	270
	Ma.	928	16	51	68	2	121	14	52	27	176	44	21	185	151
	Fe.	871	20	40	62	2	131	16	64	17	160	53	25	162	119

SUPPLEMENT TO TABLE XV. — Concluded.

SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Tot	1,898	24	108	132	4	281	26	131	56	346	94	55	403	238
Ma.	961	13	57	58	1	124	10	62	32	182	48	28	209	137
Fe.	937	11	51	74	3	157	16	69	24	164	46	27	194	101
Tot.	1,884	30	120	151	10	231	38	128	36	306	86	82	429	237
Ma.	950	20	61	83	5	121	23	56	16	161	39	45	203	117
Fe.	930	10	59	68	5	110	13	72	20	145	47	37	226	118
Un.	4	–	–	–	–	–	2	–	–	–	–	–	–	2
Tot.	1,948	28	99	150	4	250	35	114	36	358	144	76	448	206
Ma.	984	12	54	75	4	142	18	51	16	165	79	35	228	105
Fe.	964	16	45	75	–	108	17	63	20	193	65	41	220	101
Tot.	1,671	30	69	85	4	236	24	110	42	343	102	63	353	210
Ma.	868	9	35	50	2	116	12	56	19	189	50	30	197	103
Fe.	803	21	34	35	2	120	12	54	23	154	52	33	156	107
Tot.	1,963	29	80	144	4	258	40	107	46	368	127	76	418	266
Ma.	977	11	37	63	4	143	23	54	23	174	70	34	218	123
Fe.	986	18	43	81	–	115	17	53	23	194	57	42	200	143

TABLE XVI. — STILL-BORN. — TWENTY-SIX YEARS, 1865–1890.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Still-births during the Twenty-six years, 1865–90.

Years and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
26 Years.	Tot.	36,594	388	623	3,435	168	4,649	276	1,385	455	5,608	1,595	843	13,818	3,351
	Ma.	20,526	199	315	1,902	76	2,551	141	757	218	3,290	842	445	7,937	1,853
	Fe.	14,131	144	215	1,326	44	1,852	100	512	177	1,965	635	305	5,626	1,230
	Un.	1,937	45	93	207	48	246	35	116	60	353	118	93	255	268
Jan.	Tot.	3,022	33	33	302	20	377	27	107	33	471	133	73	1,161	252
	Ma.	1,706	18	19	166	13	201	13	57	18	272	72	39	672	146
	Fe.	1,178	10	8	110	6	163	10	44	12	162	54	30	476	93
	Un.	138	5	6	26	1	13	4	6	3	37	7	4	13	13
Feb.	Tot.	2,889	20	41	266	13	377	9	96	36	443	135	74	1,115	264
	Ma.	1,641	11	23	152	7	204	4	57	18	276	69	42	632	146
	Fe.	1,098	8	13	102	2	149	4	28	13	148	53	21	460	97
	Un.	150	1	5	12	4	24	1	11	5	19	13	11	23	21
March.	Tot.	3,196	28	69	323	12	396	20	129	41	481	156	70	1,197	274
	Ma.	1,807	15	32	185	7	225	8	72	19	278	87	30	691	158
	Fe.	1,209	11	30	122	2	150	7	46	15	172	56	25	477	96
	Un.	180	2	7	16	3	21	5	11	7	31	13	15	29	20
April.	Tot	3,068	22	52	256	12	406	30	111	35	497	129	55	1,173	290
	Ma.	1,747	10	27	132	5	225	12	55	17	306	67	28	695	168
	Fe.	1,165	8	18	103	3	156	16	50	13	163	52	19	460	104
	Un.	156	4	7	21	4	25	2	6	5	28	10	8	18	18
May.	Tot.	3,004	30	48	284	11	356	21	108	39	508	116	72	1,153	258
	Ma.	1,636	13	18	153	4	186	11	55	13	277	66	42	654	144
	Fe.	1,217	12	21	114	2	155	8	45	21	199	44	22	480	94
	Un.	151	5	9	17	5	15	2	8	5	32	6	8	19	20
June.	Tot.	3,040	29	53	294	15	400	24	114	43	446	133	68	1,161	260
	Ma.	1,725	16	30	168	7	217	14	65	20	271	77	35	668	137
	Fe.	1,140	11	18	105	3	152	3	35	23	145	49	29	472	95
	Un.	175	2	5	21	5	31	7	14	–	30	7	4	21	28
July.	Tot.	3,062	41	48	276	12	355	33	124	45	476	138	65	1,154	295
	Ma.	1,725	17	22	150	5	201	20	71	26	266	74	30	684	159
	Fe.	1,161	16	18	109	4	138	12	40	13	181	53	22	449	106
	Un.	176	8	8	17	3	16	1	13	6	29	11	13	21	30

TABLE XVI. — Concluded.

Years and Months.	SEX.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aug.	Tot.	3,058	45	46	266	15	405	14	109	27	441	120	75	1,207	288
	Ma.	1,719	24	27	153	1	224	7	56	15	258	61	38	704	151
	Fe.	1,194	20	11	99	7	167	5	41	10	156	52	25	485	116
	Un.	145	1	8	14	7	14	2	12	2	27	7	12	18	21
Sept.	Tot.	2,873	35	41	243	17	364	19	128	32	418	133	61	1,110	272
	Ma.	1,597	19	23	135	5	197	8	79	13	242	69	32	627	148
	Fe.	1,128	13	15	99	4	146	8	43	14	151	54	23	459	99
	Un.	148	3	3	9	8	21	3	6	5	25	10	6	24	25
Oct.	Tot.	3,019	25	60	318	16	398	28	106	42	440	132	64	1,110	280
	Ma.	1,709	12	30	176	11	233	14	62	24	247	71	31	652	146
	Fe.	1,126	8	19	120	1	145	13	36	11	155	52	29	434	103
	Un.	184	5	11	22	4	20	1	8	7	38	9	4	24	31
Nov.	Tot.	2,969	45	61	294	12	358	24	109	34	473	113	86	1,080	280
	Ma.	1,651	27	30	158	7	198	13	52	17	277	61	47	607	157
	Fe.	1,174	17	20	118	4	143	8	50	12	171	42	35	446	108
	Un.	144	1	11	18	1	17	3	7	5	25	10	4	27	15
Dec.	Tot.	3,369	35	70	310	13	455	27	144	48	508	147	79	1,197	336
	Ma.	1,855	17	34	173	4	238	17	76	18	318	67	50	651	192
	Fe.	1,333	10	24	124	6	188	6	54	20	159	70	25	528	119
	Un.	181	8	12	13	3	29	4	14	10	31	10	4	18	25
Not stated.	Tot.	25	–	1	3	–	2	–	–	–	6	10	1	–	2
	Ma.	8	–	–	1	–	2	–	–	–	2	1	1	–	1
	Fe.	8	–	–	1	–	–	–	–	–	3	4	–	–	–
	Un.	9	–	1	1	–	–	–	–	–	1	5	–	–	1

TABLE XVII. — MARRIAGES. — TWENTY-SIX YEARS, 1865–90.

Distinguishing by Counties and by Months the Number of Marriages registered during the Twenty-six Years, 1865–90.

YEAR AND MONTHS.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
THE YEAR, . .	416,184	7,292	14,019	33,264	1,727	58,031	7,353	24,926	10,067	73,645	19,725	16,142	100,407	49,586
January, . . .	36,158	886	1,121	3,147	154	4,801	659	2,434	813	6,173	1,596	1,337	8,683	4,354
February, . .	30,558	527	1,027	2,490	116	4,083	466	2,065	683	5,258	1,311	1,036	8,167	3,329
March, . . .	20,111	455	791	1,550	102	3,036	519	1,196	544	3,305	870	854	4,625	2,264
April, . . .	33,214	500	1,037	2,410	92	4,657	628	1,871	802	5,953	1,617	1,253	8,456	3,938
May, . . .	33,982	478	1,200	2,801	133	4,472	684	2,273	959	5,737	1,521	1,341	7,942	4,441
June, . . .	38,966	489	1,178	3,002	112	5,508	626	2,195	916	7,112	1,991	1,509	9,643	4,685
July, . . .	29,475	402	929	2,480	127	4,332	392	1,741	637	5,275	1,353	1,128	7,274	3,405
August, . . .	27,936	373	861	2,416	125	3,826	437	1,687	638	4,923	1,241	926	7,043	3,440
September, . .	36,950	427	1,398	2,869	150	4,967	606	2,192	899	6,950	1,723	1,316	9,039	4,414
October, . . .	43,859	589	1,567	3,309	219	6,011	733	2,543	1,065	7,982	2,202	1,553	10,941	5,145
November, . .	51,469	1,228	1,576	4,166	188	7,396	887	2,861	1,237	9,136	2,653	2,285	11,783	6,073
December, . .	33,108	930	1,152	2,613	205	4,933	701	1,812	872	5,778	1,643	1,586	6,807	4,076
Unknown, . .	398	8	182	11	4	9	15	56	2	63	4	18	4	22

TABLE XVIII.—MARRIAGES.—TWENTY-SIX YEARS, 1865–90.

Showing the Social Condition and Ages of Parties married during the Twenty-six Years, 1865–90.

AGGREGATE—Of all Conditions.

Age of Males.	Age of Females.														
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 and over.	Unknown.
All Ages,	416,184	75,441	185,163	88,535	30,848	16,493	8,407	4,732	2,595	1,297	822	405	125	39	1,282
Und. 20,	7,897	5,591	2,117	144	21	11	2	–	–	–	–	–	–	–	11
20 to 25,	154314	48213	90855	13365	1365	303	41	16	6	2	–	–	–	–	148
25 to 30,	132332	16819	66498	41584	5863	1160	182	47	8	3	1	2	–	1	164
30 to 35,	53,531	3,422	17613	19818	9793	2261	430	87	22	6	7	1	–	–	71
35 to 40,	26,862	929	5,373	8,249	6618	4380	988	215	44	11	7	–	–	–	48
40 to 45,	14,272	241	1,631	3,063	3526	3269	1952	438	89	17	7	3	2	–	34
45 to 50,	9,562	118	645	1,396	1977	2410	1661	1,060	226	38	9	1	–	–	21
50 to 55,	6,262	45	222	529	943	1390	1372	976	602	108	46	12	1	–	16
55 to 60,	4,035	24	94	217	409	734	839	822	521	286	58	14	2	1	14
60 to 65,	2,994	8	46	93	205	353	573	562	525	339	214	58	9	3	6
65 to 70,	1,876	8	25	37	90	137	236	327	337	279	232	132	23	3	10
70 to 75,	977	–	15	17	23	62	94	128	147	153	161	116	51	9	1
75 to 80,	347	1	2	5	5	11	24	42	51	47	68	48	30	12	1
Over 80,	99	–	2	1	2	6	11	10	15	8	10	18	7	7	2
Unk., .	824	22	25	17	8	6	2	2	2	–	2	–	–	3	735

(A.) First Marriage of Both Parties.

All Ages,	331,323	72,156	169,834	68,637	14,632	3,939	961	291	113	28	16	2	3	1	710
Und. 20,	7,796	5,577	2,075	117	12	6	–	–	–	–	–	–	–	–	9
20 to 25,	148841	47612	88468	11696	818	109	10	5	2	1	–	–	–	–	120
25 to 30,	118388	15623	61986	36408	3736	448	48	16	1	2	–	–	–	1	119
30 to 35,	37,935	2,657	13641	14797	5814	868	89	15	3	1	1	–	–	–	49
35 to 40,	12,064	503	2,853	4,248	2868	1340	199	30	4	–	1	–	–	–	18
40 to 45,	3,629	109	558	968	945	679	294	50	17	2	1	–	–	–	6
45 to 50,	1,397	37	174	294	300	312	171	88	14	2	1	–	–	–	4
50 to 55,	497	10	35	73	101	118	88	37	27	5	–	–	–	–	3
55 to 60,	195	6	14	19	20	40	39	26	20	7	1	–	–	–	3
60 to 65,	91	3	6	4	9	10	15	19	14	3	7	–	1	–	–
65 to 70,	40	–	5	1	6	5	6	2	9	3	2	1	–	–	–
70 to 75,	20	–	2	1	1	4	2	3	1	2	2	–	2	–	–
75 to 80,	2	–	–	1	–	–	–	–	–	–	–	1	–	–	–
Over 80,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unk., .	428	19	17	10	2	–	–	–	1	–	–	–	–	–	379

TABLE XVIII. — Continued.

(B.) First Marriage of Male, and Subsequent Marriage of Female.

Age of Males.	Age of Females.														
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 and over.	Unknown.
All Ages,	19,612	194	3,088	6,080	5,001	3,078	1275	487	207	65	41	14	5	–	77
Und. 20,	92	8	41	27	9	5	2	–	–	–	–	–	–	–	–
20 to 25,	3,736	121	1,457	1,411	509	180	28	11	4	1	–	–	–	–	14
25 to 30,	6,233	51	1,066	2,783	1,599	576	108	21	6	–	1	2	–	–	20
30 to 35,	4,362	10	358	1,205	1,682	800	235	44	13	3	5	1	–	–	6
35 to 40,	2,643	3	112	455	796	858	304	79	20	5	4	–	–	–	7
40 to 45,	1,293	1	36	132	247	401	334	107	23	5	3	1	–	–	3
45 to 50,	642	–	10	45	96	162	154	116	52	6	–	–	–	–	1
50 to 55,	322	–	6	13	38	63	69	65	47	11	5	2	1	–	2
55 to 60,	126	–	1	5	14	20	23	22	20	18	2	–	–	–	1
60 to 65,	87	–	–	4	7	6	15	12	14	13	11	5	–	–	–
65 to 70,	28	–	–	–	1	3	1	7	7	1	6	2	–	–	–
70 to 75,	11	–	–	–	2	1	–	2	–	1	2	1	2	–	–
75 to 80,	7	–	–	–	–	–	1	1	–	1	2	–	2	–	–
Over 80,	2	–	–	–	–	–	–	–	1	–	–	–	–	–	1
Unk.,	28	–	1	–	1	3	1	–	–	–	–	–	–	–	22

(C.) Subsequent Marriage of Male, but First Marriage of Female.

All Ages,	41,110	2974	11240	10925	6,984	4,618	2293	1113	498	206	89	32	5	4	129
Und. 20,	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25,	1,420	436	784	197	18	3	2	–	–	–	–	–	–	–	3
25 to 30,	6,454	1114	3 162	1,856	263	42	7	5	–	1	–	–	–	–	4
30 to 35,	8,929	731	3,393	3,076	1,422	261	32	4	–	–	–	–	–	–	10
35 to 40,	8,487	415	2,226	2,827	1,837	971	172	17	5	1	–	–	–	–	16
40 to 45,	5,756	129	949	1,573	1,474	1,098	439	68	7	2	–	2	1	–	14
45 to 50,	4,044	78	417	823	1,019	981	460	226	28	6	–	–	–	–	6
50 to 55,	2,509	34	167	340	517	615	462	240	111	13	3	3	–	–	4
55 to 60,	1,569	18	71	139	237	357	329	242	115	45	9	2	1	–	4
60 to 65,	965	5	34	64	119	177	223	163	101	48	24	4	–	1	2
65 to 70,	574	8	16	33	61	73	112	98	78	59	22	10	–	–	4
70 to 75,	224	–	12	13	10	28	42	35	38	22	17	6	–	1	–
75 to 80,	66	1	2	3	2	6	6	11	10	7	11	3	3	1	–
Over 80,	32	–	2	–	2	5	6	4	5	2	3	2	–	1	–
Unk.,	78	2	5	4	3	1	1	–	–	–	–	–	–	–	62

TABLE XVIII. — Concluded.

(D.) Subsequent Marriage of Both Parties.

Age of Males.	Age of Females.														
	All Ages.	Under 20	20 to 25	25 to 30	30 to 35	35 to 40	40 to 45	45 to 50	50 to 55	55 to 60	60 to 65	65 to 70	70 to 75	75 and over	Unknown.
All Ages,	23,541	64	887	2,808	4,198	4,833	3,870	2,837	1,774	994	676	355	112	34	99
Und. 20,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
20 to 25,	210	16	96	69	17	10	1	–	–	–	–	–	–	–	1
25 to 30,	1,133	17	242	495	258	93	19	5	1	–	–	–	–	–	3
30 to 35,	2,258	21	208	727	865	328	74	24	6	2	1	–	–	–	2
35 to 40,	3,640	5	175	714	1,113	1,205	312	89	15	5	2	–	–	–	5
40 to 45,	3,573	2	88	386	856	1,084	881	213	42	8	3	–	1	–	9
45 to 50,	3,468	2	44	233	560	952	875	629	132	24	8	1	–	–	8
50 to 55,	2,924	1	14	102	284	592	752	633	416	79	38	6	–	–	7
55 to 60,	2,144	–	8	54	138	316	448	532	366	216	46	12	1	1	6
60 to 65,	1,846	–	6	20	70	160	319	368	395	273	172	49	8	2	4
65 to 70,	1,229	–	4	3	22	56	117	218	242	215	202	118	23	3	6
70 to 75,	721	–	1	3	10	29	50	88	108	127	140	109	47	8	1
75 to 80,	272	–	–	1	3	5	17	30	41	39	55	44	25	11	1
Over 80,	65	–	–	1	–	1	5	6	9	6	7	16	7	6	1
Unk., .	58	–	1	–	2	2	–	2	1	–	2	–	–	3	45

(E.) Condition of Parties not stated.

All Ages,	598	53	114	85	33	25	8	4	3	4	–	2	–	–	267
Und. 20,	6	3	1	–	–	–	–	–	–	–	–	–	–	–	2
20 to 25,	107	28	50	15	3	1	–	–	–	–	–	–	–	–	10
25 to 30,	124	14	42	42	7	1	–	–	–	–	–	–	–	–	18
30 to 35,	47	3	13	13	10	4	–	–	–	–	–	–	–	–	4
35 to 40,	28	3	7	5	4	6	1	–	–	–	–	–	–	–	2
40 to 45,	21	–	–	4	4	7	4	–	–	–	–	–	–	–	2
45 to 50,	11	1	–	1	2	3	1	1	–	–	–	–	–	–	2
50 to 55,	10	–	–	1	3	2	1	1	1	–	–	1	–	–	–
55 to 60,	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–
60 to 65,	5	–	–	1	–	–	1	–	1	2	–	–	–	–	–
65 to 70,	5	–	–	–	–	–	–	2	1	1	–	1	–	–	–
70 to 75,	1	–	–	–	–	–	–	–	–	1	–	–	–	–	–
75 to 80,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Over 80,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Unk., .	232	1	1	3	–	–	–	–	–	–	–	–	–	–	227

TABLE XIX. — DEATHS. — TWENTY-SIX YEARS, 1865–90.

Distinguishing by Counties, by Months, and by Sex, the Registered Number of Persons who have died during the Twenty-six Years, 1865–90; also, for the Entire State, the Percentage of the Numbers in each Month (distinguishing Sex) to the Total Number.

Years and Months.	SEX.	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
26 Yrs.	Totals,	100·00	869,694	14,549	30,112	69,419	4,697	116,121	14,908	49,094	21,127	154,144	43,032	32,667	216,985	102,839
	Males,	49·83	433,365	7,350	15,060	34,509	2,379	57,703	7,392	24,407	10,308	75,612	21,321	16,560	109,380	51,384
	Fem,	50·10	435,752	7,148	14,992	34,867	2,313	58,335	7,485	24,652	10,796	78,461	21,685	16,056	107,585	51,377
	Unk,	·07	577	51	60	43	5	83	31	35	23	71	26	51	20	78
Jan.	Totals,	8·36	72,701	1,116	2,535	5,696	392	9,606	1,161	3,898	1,675	13,169	3,592	2,632	18,737	8,492
	Males,	4·16	36,144	583	1,248	2,866	200	4,758	567	1,926	802	6,523	1,787	1,292	9,380	4,212
	Fem.,	4·20	36,530	532	1,287	2,829	192	4,844	593	1,972	873	6,641	1,803	1,336	9,355	4,273
	Unk.,	–	27	1	–	1	–	4	1	–	–	5	2	4	2	7
Feb.	Totals,	7·57	65,894	1,161	2,263	5,036	352	9,225	1,100	3,572	1,617	11,581	3,296	2,616	16,229	7,846
	Males,	3·76	32,685	601	1,115	2,473	163	4,593	530	1,778	777	5,641	1,634	1,344	8,142	3,894
	Fem.,	3·81	33,168	558	1,144	2,557	188	4,626	567	1,791	839	5,937	1,660	1,269	8,085	3,947
	Unk,	–	41	2	4	6	1	6	3	3	1	3	2	3	2	5
March.	Totals,	8·54	74,226	1,320	2,650	5,825	393	9,896	1,284	4,202	1,911	12,973	3,735	2,899	18,283	8,855
	Males,	4·18	36,332	663	1,272	2,824	192	4,753	655	2,058	911	6,224	1,857	1,465	9,059	4,399
	Fem,	4·35	37,844	652	1,370	2,999	201	5,136	627	2,142	998	6,744	1,875	1,427	9,223	4,450
	Unk,	·01	50	5	8	2	–	7	2	2	2	5	3	7	1	6
April.	Totals,	8·18	71,127	1,253	2,565	5,587	410	9,312	1,211	3,980	1,783	12,489	3,556	2,869	17,577	8,535
	Males,	4·04	35,147	613	1,251	2,758	210	4,631	617	1,924	857	6,081	1,708	1,482	8,762	4,253
	Fem.,	4·13	35,934	635	1,308	2,825	199	4,677	591	2,050	924	6,402	1,847	1,386	8,814	4,276
	Unk.,	·01	46	5	6	4	1	4	3	6	2	6	1	1	1	6
May.	Totals,	7·87	68,427	1,106	2,312	5,161	389	9,086	1,191	3,923	1,889	11,899	3,485	2,719	16,954	8,313
	Males,	3·92	34,074	596	1,136	2,600	183	4,460	580	1,934	890	5,821	1,702	1,364	8,631	4,177
	Fem,	3·95	34,318	508	1,173	2,561	206	4,620	604	1,986	999	6,072	1,782	1,353	8,322	4,132
	Unk.,	–	35	2	3	–	–	6	7	3	–	6	1	2	1	4

June.	Totals, .	6·82	59,396	1,030	1,934	4,453	325	7,846	1,028	3,480	1,427	10,628	2,960	2,244	14,911	7,130
	Males, .	3·42	29,736	552	972	2,240	173	3,859	527	1,712	705	5,218	1,524	1,144	7,546	3,564
	Fem., .	3·40	29,620	475	960	2,210	152	3,980	501	1,764	720	5,403	1,431	1,098	7,362	3,564
	Unk., .	–	40	3	2	3	–	7	–	4	2	7	5	2	3	2
July.	Totals, .	9·34	81,216	1,124	2,446	6,814	379	10,403	1,202	5,393	1,906	14,501	3,636	2,478	21,487	9,447
	Males, .	4·78	41,626	563	1,238	3,493	210	5,245	586	2,817	973	7,323	1,829	1,307	11,129	4,913
	Fem., .	4·55	39,531	553	1,203	3,319	169	5,146	611	2,575	930	7,175	1,804	1,166	10,357	4,523
	Unk., .	·01	59	8	5	2	–	12	5	1	3	3	3	5	1	11
Aug.	Totals, .	10·72	93,247	1,418	3,320	7,676	461	13,028	1,624	5,152	2,193	16,980	4,614	3,304	22,255	11,222
	Males, .	5·43	47,191	703	1,727	3,835	245	6,660	827	2,584	1,100	8,524	2,306	1,681	11,304	5,695
	Fem., .	5·28	45,985	706	1,588	3,836	216	6,356	794	2,562	1,092	8,447	2,307	1,618	10,945	5,518
	Unk., .	·01	71	9	5	5	–	12	3	6	1	9	1	5	6	9
Sept.	Totals, .	9·08	78,957	1,462	2,825	6,682	496	10,654	1,404	4,231	1,912	13,928	4,058	3,137	18,664	9,504
	Males, .	4·55	39,624	725	1,453	3,371	239	5,392	662	2,114	949	6,931	2,034	1,588	9,453	4,713
	Fem., .	4·52	39,275	735	1,363	3,307	256	5,253	741	2,113	954	6,993	2,021	1,544	9,209	4,786
	Unk., .	·01	58	2	9	4	1	9	1	4	9	4	3	5	2	5
Oct.	Totals, .	8·09	70,296	1,245	2,549	5,754	385	9,396	1,309	3,850	1,713	12,343	3,539	2,680	17,245	8,288
	Males, .	3·98	34,590	616	1,299	2,785	197	4,560	642	1,874	821	5,978	1,754	1,345	8,595	4,124
	Fem., .	4·10	35,661	623	1,249	2,961	187	4,831	665	1,974	890	6,359	1,784	1,333	8,650	4,155
	Unk., .	·01	45	6	1	8	1	5	2	2	2	6	1	2	–	9
Nov.	Totals, .	7·41	64,486	1,151	2,354	5,240	360	8,564	1,165	3,592	1,566	11,159	3,183	2,498	16,436	7,218
	Males, .	3·66	31,833	561	1,155	2,555	174	4,345	589	1,751	769	5,391	1,506	1,243	8,249	3,545
	Fem., .	3·75	32,614	587	1,194	2,682	185	4,216	574	1,839	797	5,762	1,677	1,246	8,187	3,668
	Unk., .	–	39	3	5	3	1	3	2	2	–	6	–	9	–	5
Dec.	Totals, .	8·00	69,576	1,151	2,339	5,472	347	9,074	1,228	3,812	1,526	12,483	3,369	2,584	18,207	7,984
	Males, .	3·94	34,291	565	1,183	2,698	186	4,416	610	1,933	749	5,952	1,675	1,301	9,130	3,893
	Fem., .	4·05	35,229	583	1,146	2,770	161	4,650	616	1,878	777	6,523	1,690	1,277	9,076	4,082
	Unk., .	·01	56	3	10	4	–	8	2	1	–	8	4	6	1	9
Not stated.	Totals, .	·02	145	12	20	23	8	31	1	9	9	11	9	7	–	5
	Males, .	·01	92	9	11	11	7	31	–	2	5	5	5	4	–	2
	Fem., .	·01	43	1	7	11	1	–	1	6	3	3	4	3	–	3
	Unk., .	–	10	2	2	1	–	–	–	1	1	3	–	–	–	–

Table XX. — DEATHS. — Twenty-six Years, 1865–90.

Distinguishing by Counties, by Age, and by Sex, the Registered Number of Persons who have died during the Twenty-six Years, 1865–90; also, for the Entire State, the Percentage of the Numbers in Each Specified Age (distinguishing Sex) to the Total Number.

Age.	Sex.	Percentage.	State.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
All Ages.	Totals,	100·00	869,694	14,549	30,112	69,419	4,697	116,121	14,908	49,094	21,127	154,144	43,032	32,667	216,985	102,839
	Males,	49·83	433,365	7,350	15,060	34,509	2,379	57,703	7,392	24,407	10,308	75,612	21,321	16,560	109,380	51,384
	Fem.,	50·10	435,752	7,148	14,992	34,867	2,313	58,335	7,485	24,652	10,796	78,461	21,685	16,056	107,585	51,377
	Unk.,	·07	577	51	60	43	5	83	31	35	23	71	26	51	20	78
Under 1	Totals,	21·02	182,772	1,732	5,365	15,974	368	23,526	2,166	11,146	3,518	33,515	7,847	4,922	51,944	20,749
	Males,	11·51	100,165	936	2,983	8,766	195	12,931	1,213	6,121	1,957	18,320	4,282	2,751	28,150	11,560
	Fem.,	9·44	82,070	747	2,329	7,169	168	10,518	923	4,995	1,543	15,130	3,540	2,120	23,774	9,114
	Unk.,	·07	537	49	53	39	5	77	30	30	18	65	25	51	20	75
1 to 2	Totals,	6·24	54,305	465	1,559	4,707	91	6,630	588	3,396	968	9,704	2,351	1,363	16,027	6,456
	Males,	3·24	28,176	241	849	2,406	47	3,511	313	1,703	506	4,999	1,205	728	8,326	3,342
	Fem.,	3·00	26,123	224	709	2,301	44	3,118	274	1,691	462	4,705	1,146	635	7,701	3,113
	Unk.,	–	6	–	1	–	–	1	1	2	–	–	–	–	–	1
2 to 3	Totals,	3·03	26,382	265	882	2,158	51	3,355	292	1,688	498	4,711	1,158	664	7,452	3,208
	Males,	1·56	13,570	140	469	1,103	24	1,711	159	892	255	2,407	603	338	3,825	1,644
	Fem.,	1·47	12,804	125	411	1,054	27	1,643	133	795	243	2,302	555	326	3,627	1,563
	Unk.,	–	8	–	2	1	–	1	–	1	–	2	–	–	–	1

3 to 4	Totals,	2·08	18,060	169	613	1,385	39	2,462	219	1,151	351	3,208	840	463	5,025	2,135
	Males,	1·06	9,174	89	331	692	16	1,272	115	550	161	1,649	406	223	2,557	1,113
	Fem.,	1·02	8,882	80	282	693	23	1,189	104	600	190	1,558	433	240	2,468	1,022
	Unk,	–	4	–	–	–	–	1	–	1	–	1	1	–	–	–
4 to 5	Totals,	1·54	13,389	122	463	1,028	44	1,843	160	836	259	2,445	662	327	3,673	1,527
	Males,	·78	6,749	63	223	518	18	895	81	423	129	1,271	337	173	1,902	716
	Fem,	·76	6,640	59	240	510	26	948	79	413	130	1,174	325	154	1,771	811
Totals Under 5.	Totals,	33·91	294,908	2,753	8,882	25,252	593	37,816	3,425	18,217	5,594	53,583	12,858	7,739	84,121	34,075
	Males,	18·15	157,834	1,469	4,855	13,485	300	20,320	1,881	9,689	3,008	28,646	6,833	4,213	44,760	18,375
	Fem.,	15·69	136,519	1,235	3,971	11,727	288	17,416	1,513	8,494	2,568	24,869	5,999	3,475	39,341	15,623
	Unk.,	·07	555	49	56	40	5	80	31	34	18	68	26	51	20	77
5 to 10	Totals,	3·93	34,133	418	1,315	2,658	134	4,653	463	2,210	796	6,318	1,765	1,110	8,444	3,849
	Males,	1·97	17,096	223	664	1,352	66	2,286	239	1,119	393	3,203	899	556	4,206	1,890
	Fem.,	1·96	17,034	195	650	1,305	68	2,367	224	1,091	403	3,115	866	554	4,238	1,958
	Unk.,	–	3	–	1	1	–	–	–	–	–	–	–	–	–	1
10 to 15	Totals,	1·96	17,018	286	781	1,388	67	2,297	323	1,044	488	3,161	898	682	3,449	2,154
	Males,	·93	8,078	122	340	645	26	1,076	146	562	234	1,494	431	314	1,658	1,030
	Fem.,	1·03	8,940	164	441	743	41	1,221	177	482	254	1,667	467	368	1,791	1,124
15 to 20	Totals,	3·47	30,140	513	1,189	2,409	115	4,126	524	2,029	829	5,397	1,512	1,075	6,653	3,769
	Males,	1·52	13,233	244	510	1,008	68	1,742	229	860	334	2,353	702	444	3,084	1,655
	Fem.,	1·95	16,906	269	679	1,401	47	2,384	295	1,169	494	3,044	810	631	3,569	2,114
	Unk.,	–	1	–	–	–	–	–	–	–	1	–	–	–	–	–
20 to 30	Totals,	9·75	84,852	1,387	2,777	6,103	350	11,183	1,327	4,892	1,879	15,197	3,964	2,998	23,039	9,756
	Males,	4·49	39,088	695	1,286	2,731	205	5,002	590	2,189	825	6,603	1,830	1,434	11,247	4,451
	Fem.,	5·26	45,763	691	1,491	3,372	145	6,181	737	2,703	1,054	8,594	2,134	1,564	11,792	5,305
	Unk.,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–

TABLE XX. — Concluded.

Age.	Sex.	Percentages.	State.	Barnstable.	Berkshire.	Bristol.	Dukes and Nantucket.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Norfolk.	Plymouth.	Suffolk.	Worcester.
30 to 40	Totals,	8·02	69,763	1,109	2,068	4,976	334	9,070	1,018	3,590	1,524	12,416	3,165	2,358	20,659	7,476
	Males,	3·75	32,638	516	924	2,329	184	4,164	433	1,597	651	5,559	1,398	1,090	10,359	3,434
	Fem.,	4·27	37,125	593	1,144	2,647	150	4,906	585	1,993	873	6,857	1,767	1,268	10,300	4,042
40 to 50	Totals,	7·10	61,711	960	1,889	4,626	282	7,996	976	3,228	1,433	10,760	2,834	2,105	17,956	6,666
	Males,	3·53	30,670	491	906	2,234	143	3,891	451	1,595	666	5,221	1,394	1,070	9,392	3,216
	Fem.,	3·57	31,040	469	982	2,392	139	4,105	525	1,633	767	5,539	1,440	1,035	8,564	3,450
	Unk.,	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–
50 to 60	Totals,	7·22	62,744	1,066	2,106	4,910	389	8,163	1,138	3,333	1,598	11,109	3,141	2,471	16,002	7,318
	Males,	3·71	32,269	558	1,053	2,551	199	4,093	590	1,687	770	5,658	1,654	1,349	8,374	3,733
	Fem.,	3·51	30,475	508	1,053	2,359	190	4,070	548	1,646	828	5,451	1,487	1,122	7,628	3,585
60 to 70	Totals,	8·58	74,657	1,715	2,979	5,991	646	9,811	1,659	3,761	2,188	13,129	4,250	3,519	15,817	9,192
	Males,	4·42	38,494	917	1,527	3,129	360	4,958	871	1,925	1,114	6,713	2,266	1,911	7,920	4,883
	Fem.,	4·16	36,163	798	1,452	2,862	286	4,853	788	1,836	1,074	6,416	1,984	1,608	7,897	4,309
70 to 80	Totals,	8·95	77,855	2,419	3,329	6,128	882	10,804	2,102	3,809	2,647	13,104	4,719	4,713	12,816	10,383
	Males,	4·33	37,622	1,251	1,663	2,993	434	5,040	1,033	1,890	1,342	6,227	2,360	2,469	5,660	5,260
	Fem.,	4·62	40,233	1,168	1,666	3,135	448	5,764	1,069	1,919	1,305	6,877	2,359	2,244	7,156	5,123
80 to 90	Totals,	5·53	48,138	1,582	2,107	3,893	726	6,730	1,560	2,332	1,733	7,886	3,206	3,217	6,650	6,516
	Males,	2·29	19,951	706	1,009	1,611	324	2,655	758	1,029	796	3,183	1,279	1,457	2,306	2,838
	Fem.,	3·24	28,187	876	1,098	2,282	402	4,075	802	1,303	937	4,703	1,927	1,760	4,344	3,678

90 to 100	Totals,	·95	8,264	239	384	713	126	1,123	281	401	276	1,424	537	563	1,058	1,139
	Males,	·31	2,662	96	163	236	39	340	110	139	108	435	169	198	292	337
	Fem.,	·64	5,602	143	221	477	87	783	171	262	168	989	368	365	766	802
Over 100.	Totals,	·05	443	4	30	38	3	45	7	24	14	85	23	13	95	62
	Males,	·02	132	2	13	12	–	9	2	9	4	26	5	2	29	19
	Fem.,	·03	311	2	17	26	3	36	5	15	10	59	18	11	66	43
Not Stated.	Totals,	·58	5,068	98	276	334	50	2,304	105	224	128	575	160	104	226	484
	Males,	·41	3,598	60	147	193	31	2,127	59	117	63	291	101	53	93	263
	Fem.,	·17	1,454	37	127	139	19	174	46	106	61	281	59	51	133	221
	Unk.,	–	16	1	2	2	–	3	–	1	4	3	–	–	–	–

DIVORCES IN MASSACHUSETTS.

1890.

DIVORCES. — THE STATE AND COUNTIES — BY STATUTE CAUSES. — 1890.

Distinguishing, by Sex, the Libellants; Libels Contested and Uncontested; Number of Years Married; and Divorces Granted and Refused.

STATE,	Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	1,380
	" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	503
	" " filed during the year 1890,	1,154
	" " in which decrees *nisi* were entered during the year 1890,	817
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	645
	Number of cases finally determined in 1890,	780*

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,†	137	Males,	67	58	9	67	–	–	–	22	19	15	8	3	–	1,412	10·31
		Fem.,	70	64	6	69	1	–	1	11	24	27	6	1	–		
Cruel and abusive treatment,	63	Males,	1	–	1	–	1	–	–	–	1	–	–	–	–	611	9·70
		Fem.,	62	43	19	56	6	2	1	16	18	17	6	2	–		
Desertion,	344	Males,	143	122	21	136	7	–	–	9	58	51	21	4	–	4,112	11·95
		Fem.,	201	192	9	199	2	–	–	25	65	79	25	7	–		
Extreme cruelty,	18	Fem.,	18	15	3	17	1	–	1	8	5	2	2	–	–	130	7·22

Imprisonment, .	3	Fem., .	3	3	–	3	–	–	–	–	1	2	–	–	–	26	8·67
Impotency, . .	1	Fem., .	1	1	–	1	–	–	1	–	–	–	–	–	–	·5	·50
Intoxication, . .	89	Males,	14	9	5	14	–	–	–	2	4	7	1	–	–	1,046	11·75
		Fem., .	75	67	8	74	1	–	–	11	26	26	11	1	–		
Non-support, . .	13	Fem., .	13	11	2	11	2	–	–	1	4	3	5	–	–	201	15·46
Nullity of marriage,	7	Males,	3	1	2	3	–	1	–	1	–	1	–	–	–	71	10·14
		Fem., .	4	4	–	4	–	–	–	1	–	3	–	–	–		
Totals, . .	675	Males,	228	190	38	220	8	1	–	34	82	74	30	7	–	7,609·5	11·27
		Fem., .	447	400	47	434	13	2	4	73	143	159	55	11	–		

* One hundred and five libels dismissed.

† In six cases notice given to district attorney.

Divorces, 1890 — Continued.

BARNSTABLE.

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	12
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	8
" " filed during the year 1890,	10
" " in which decrees *nisi* were entered during the year 1890,	12
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	13
Number of cases finally determined in 1890,	14

Causes.	Libellants. No.	Libellants. Sex.		Not contested.	Contested.	Divorce. Granted.	Divorce. Refused.	Number of Years Married. Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	4	Males,	2	1	1	2	–	–	–	–	1	1	–	–	–	50	12·50
		Fem.,	2	2	–	2	–	–	–	–	1	–	1	–	–		
Cruel and abusive treatment,	1	Fem.,	1	–	1	–	1	–	–	–	–	–	–	1	–	30	30·00
Desertion,	4	Males,	3	2	1	3	–	–	–	–	2	1	–	–	–	35	8·75
		Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–		
Extreme cruelty,	2	Fem.,	2	–	2	2	–	–	1	1	–	–	–	–	–	4	2·00
Intoxication,	2	Fem.,	2	2	–	2	–	–	–	–	1	1	–	–	–	24	12·00
Non-support,	1	Fem.,	1	1	–	1	–	–	–	–	1	–	–	–	–	6	6·00
Totals,	14	Males,	5	3	2	5	–	–	–	–	3	2	–	–	–	149	10·64
		Fem.,	9	6	3	8	1	–	1	1	3	2	1	1	–		

BERKSHIRE,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	50
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	31
" " filed during the year 1890,	38
" " in which decrees *nisi* were entered during the year 1890,	33
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	28
Number of cases finally determined in 1890,	30*

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	4	Fem.,	4	4	–	4	–	–	–	1	1	–	1	1	–	60	15·00
Cruel and abusive treatment,	3	Fem.,	3	3	–	3	–	–	–	1	1	1	–	–	–	25	8·33
Desertion,	14	Males,	10	10	–	10	–	–	–	1	5	2	1	1	–	203	14·50
		Fem.,	4	4	–	4	–	–	–	–	1	1	1	1	–		
Extreme cruelty,	1	Fem.,	1	1	–	1	–	–	–	–	1	–	–	–	–	5	5·00
Intoxication,	6	Fem.,	6	3	3	5	1	–	–	1	2	1	2	–	–	80	13·34
Non-support,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	12	12·00
Totals,	29	Males,	10	10	–	10	–	–	–	1	5	2	1	1	–	385	13·28
		Fem.,	19	16	3	18	1	–	–	3	6	4	4	2	–		

* One libel dismissed.

Divorces, 1890 — Continued.

BRISTOL,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	108
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	38
" " filed during the year 1890,	90
" " in which decrees *nisi* were entered during the year 1890,	49
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	51
Number of cases finally determined in 1890,	64*

Causes.	Libellants. No.	Libellants. Sex.		Not contested.	Contested.	Divorce. Granted.	Divorce. Refused.	Number of Years Married. Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	18†	Males,	4	4	–	4	–	–	–	2	2	–	–	–	–	171	9·50
		Fem.,	14	12	2	14	–	–	–	3	4	6	1	–	–		
Cruel and abusive treatment,	2	Fem.,	2	1	1	2	–	–	–	–	1	1	–	–	–	22	11·00
Desertion,	23	Males,	11	11	–	11	–	–	–	2	4	3	1	1	–	305	13·26
		Fem.,	12	11	1	12	–	–	–	1	5	3	1	2	–		
Intoxication,	6	Males,	1	1	–	1	–	–	–	–	–	1	–	–	–	92	15·33
		Fem.,	5	5	–	5	–	–	–	–	1	3	1	–	–		
Non-support,	1	Fem.,	1	–	1	1	–	–	–	–	–	–	1	–	–	23	23·00
Totals,	50	Males,	16	16	–	16	–	–	–	4	6	4	1	1	–	613	12·26
		Fem.,	34	29	5	34	–	–	–	4	11	13	4	2	–		

* Fourteen libels dismissed.

† In five cases notice given to district attorney.

DUKES,	Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	3
	" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	2
	" " filed during the year 1890,	1
	" " in which decrees *nisi* were entered during the year 1890,	2
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	2
	Number of cases finally determined in 1890,	2

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Desertion,	1	Males,	1	1	–	1	–	–	–	–	–	–	1	–	–	27	27·00
Extreme cruelty,	1	Fem.,	1	1	–	1	–	–	–	1	–	–	–	–	–	4	4·00
Totals,	2	Males,	1	–	–	–	–	–	–	–	–	–	1	–	–	31	15·50
		Fem.,	1	–	–	–	–	–	–	1	–	–	–	–	–		

Divorces, 1890 — Continued.

ESSEX,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	222
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	94
" " filed during the year 1890,	150
" " in which decrees *nisi* were entered during the year 1890,	102
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890),	116
Number of cases finally determined in 1890,	132*

Causes.	Libellants. No.	Libellants. Sex.		Not contested.	Contested.	Divorce. Granted.	Divorce. Refused.	Number of Years Married. Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	25	Males,	12	11	1	12	–	–	–	3	2	3	2	2	–	312	12·48
		Fem.,	13	13	–	13	–	–	–	–	5	8	–	–	–		
Cruel and abusive treatment,	9	Fem.,	9	8	1	9	–	–	–	5	2	2	–	–	–	56	6·22
Desertion,	59	Males,	24	17	7	24	–	–	–	–	8	13	3	–	–	665	11·27
		Fem.,	35	35	–	35	–	–	–	4	14	14	3	–	–		
Extreme cruelty,	4	Fem.,	4	4	–	4	–	–	–	1	1	1	1	–	–	43	10·75
Intoxication,	17	Males,	5	3	2	5	–	–	–	1	–	3	1	–	–	175	10·29
		Fem.,	12	10	2	12	–	–	–	1	8	2	1	–	–		
Non-support,	1	Fem.,	1	1	–	1	–	–	–	–	–	–	1	–	–	28	28·00
Totals,	115	Males,	41	31	10	41	–	–	–	4	10	19	6	2	–	1,279	11·12
		Fem.,	74	71	3	74	–	–	–	11	30	27	6	–	–		

* Seventeen libels dismissed.

FRANKLIN,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	19
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	17
" " filed during the year 1890,	14
" " in which decrees *nisi* were entered during the year 1890,	9
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	9
Number of cases finally determined in 1890,	10*

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	4	Males,	2	2	–	2	–	–	–	–	–	1	1	–	–	56	14·00
		Fem.,	2	2	–	2	–	–	–	–	–	2	–	–	–		
Desertion,	1	Fem.,	1	–	1	1	–	–	–	–	–	–	1	–	–	25	25·00
Imprisonment,	1	Fem.,	1	1	–	1	–	–	–	–	1	–	–	–	–	6	6·00
Intoxication,	2	Fem.,	2	2	–	2	–	–	–	1	–	–	–	1	–	33	16·50
Non-support,	1	Fem.,	1	1	–	1	–	–	–	–	1	–	–	–	–	7	7·00
Totals,	9	Males,	2	2	–	2	–	–	–	–	–	1	1	–	–	127	14·11.
		Fem.,	7	6	1	7	–	–	–	1	2	2	1	1	–		

* One libel dismissed.

DIVORCES, 1890 — Continued.

HAMPDEN,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	105
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	42
" " filed during the year 1890,	84
" " in which decrees *nisi* were entered during the year 1890,	68
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	49
Number of cases finally determined in 1890,	59*

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	6†	Males,	4	4	–	4	–	–	–	1	2	–	1	–	–	79	13·17
		Fem.,	2	2	–	2	–	–	–	–	1	–	1	–	–		
Cruel and abusive treatment,	6	Fem.,	6	5	1	6	–	–	–	–	3	2	1	–	–	70	11·67
Desertion,	31	Males,	10	10	–	10	–	–	–	1	4	2	3	–	–	400	12·90
		Fem.,	21	20	1	21	–	–	–	4	4	7	5	1	–		
Extreme cruelty,	1	Fem.,	1	1	–	1	–	–	–	1	–	–	–	–	–	1	1·00
Intoxication,	5	Fem.,	5	4	1	5	–	–	–	1	1	3	–	–	–	45	9·00
Totals,	49	Males,	14	14	–	14	–	–	–	2	6	2	4	–	–	595	12·14
		Fem.,	35	32	3	35	–	–	–	6	9	12	7	1	–		

* Ten libels dismissed.

† In one case notice given to district attorney.

HAMPSHIRE,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	27
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	10
" " filed during the year 1890,	26
" " in which decrees *nisi* were entered during the year 1890,	11
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	9
Number of cases finally determined in 1890,	9

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	1	Fem.,	1	1	–	1	–	–	–	1	–	–	–	–	–	1	1·00
Cruel and abusive treatment,	4	Fem.,	4	4	–	4	–	–	–	1	1	2	–	–	–	36	9·00
Desertion,	4	Males,	1	1	–	1	–	–	–	–	–	–	1	–	–	46	11·50
		Fem.,	3	3	–	3	–	–	–	2	–	1	–	–	–		
Totals,	9	Males,	1	1	–	1	–	–	–	–	–	–	1	–	–	83	9·22
		Fem.,	8	8	–	8	–	–	–	4	1	3	–	–	–		

Divorces, 1890 — Continued.

MIDDLESEX,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	218
" " pending Jan 1, 1890, in which decrees *nisi* had been entered at that date,	35
" " filed during the year 1890,	151
" " in which decrees *nisi* were entered during the year 1890,	137
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	65
Number of cases finally determined in 1890,	91*

Causes.	Libellants. No.	Libellants. Sex.		Not contested.	Contested.	Divorce. Granted.	Divorce. Refused.	Number of Years Married. Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	13	Males,	7	7	–	7	–	–	–	1	2	4	–	–	–	108	8·31
		Fem.,	6	5	1	6	–	–	–	1	4	1	–	–	–		
Cruel and abusive treatment,	4	Fem.,	4	3	1	3	1	–	–	3	1	–	–	–	–	18	4·50
Desertion,	39	Males,	20	16	4	17	3	–	–	3	9	8	–	–	–	431	11·05
		Fem.,	19	18	1	18	1	–	–	1	7	8	2	1	–		
Extreme cruelty,	4	Fem.,	4	3	1	3	1	–	–	–	2	1	1	–	–	53	13·50
Imprisonment,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	10	10·00
Intoxication,	7	Fem.,	7	7	–	7	–	–	–	–	2	5	–	–	–	101	14·43
Non-support,	1	Fem.,	1	1	–	1	–	–	–	–	1	–	–	–	–	8	8·00
Totals,	69	Males,	27	23	4	24	3	–	–	4	11	12	–	–	–	729	10·57
		Fem.,	42	38	4	39	3	–	–	5	17	16	3	1	–		

NANTUCKET,	Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	-
	" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	-
	" " filed during the year 1890,	2
	" " in which decrees *nisi* were entered during the year 1890,	1
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	-
	Number of cases finally determined in 1890,	-

NORFOLK,	Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	50
	" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	10
	" " filed during the year 1890,	39
	" " in which decrees *nisi* were entered during the year 1890,	31
	Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	24
	Number of cases finally determined in 1890,	30*

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	4	Males,	3	3	-	3	-	-	-	2	-	1	-	-	-	33	8·25
		Fem.,	1	1	-	1	-	-	-	-	-	1	-	-	-		
Cruel and abusive treatment,	2	Fem,	2	2	-	2	-	-	-	1	-	-	1	-	-	26	13·00
Desertion,	13	Males,	5	5	-	5	-	-	-	1	1	3	-	-	-	180	13·85
		Fem,	8	8	-	8	-	-	-	-	2	4	1	1	-		
Intoxication,	4	Fem,	4	4	-	4	-	-	-	-	1	2	1	-	-	58	14·50
Non-support,	1	Fem.,	1	1	-	1	-	-	-	-	-	1	-	-	-	15	15·00
Nullity of marriage,	1	Males,	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Totals,	25	Males,	9	8	1	9	-	1	-	3	1	4	-	-	-	312	12·48
		Fem,	16	16	-	16	-	-	-	1	3	8	3	1	-		

* Five libels dismissed.

Divorces, 1890 — Continued.

PLYMOUTH,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	59
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	29
" " filed during the year 1890,	64
" " in which decrees *nisi* were entered during the year 1890,	43
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	27
Number of cases finally determined in 1890,	32

Causes.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	6	Males,	3	2	1	3	–	–	–	–	1	1	1	–	–	69	11·50
		Fem.,	3	3	–	3	–	–	–	–	2	1	–	–	–		
Cruel and abusive treatment,	5	Males,	1	–	1	–	1	–	–	–	1	–	–	–	–	69	13·80
		Fem.,	4	2	2	3	1	–	–	–	2	1	1	–	–		
Desertion,	19	Males,	13	9	4	10	3	–	–	–	5	5	1	2	–	277	14·58
		Fem.,	6	6	–	6	–	–	–	1	1	4	–	–	–		
Intoxication,	2	Males,	1	–	1	1	–	–	–	1	–	–	–	–	–	25	12·50
		Fem.,	1	1	–	1	–	–	–	–	–	–	1	–	–		
Totals,	32	Males,	18	11	7	14	14	–	–	1	7	6	2	2	–	440	13·75
		Fem.,	14	12	2	13	1	–	–	1	5	6	2	–	–		

SUFFOLK,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	367
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	126
" " filed during the year 1890,	334
" " in which decrees *nisi* were entered during the year 1890,	207
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	169
Number of cases finally determined in 1890,	214*

CAUSES.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	41	Males,	24	20	4	24	–	–	–	10	9	3	2	–	–	359	8·76
		Fem.,	17	14	3	16	1	–	–	5	3	7	2	–	–		
Cruel and abusive treatment,	13	Fem.,	13	9	4	10	3	1	–	3	4	4	1	–	–	108	8·31
Desertion,	98	Males,	31	27	4	30	1	–	–	1	11	13	6	–	–	1,095	11·17
		Fem.,	67	63	4	66	1	–	–	7	24	29	6	1	–		
Extreme cruelty,	4	Fem.,	4	4	–	4	–	–	–	3	1	–	–	–	–	18	4·50
Imprisonment,	1	Fem.,	1	1	–	1	–	–	–	–	–	1	–	–	–	10	10·00
Impotency,	1	Fem.,	1	1	–	1	–	–	1	–	–	–	–	–	–	.5	·50
Intoxication,	22	Males,	7	5	2	7	–	–	–	–	4	3	–	–	–	221	10·05
		Fem.,	15	14	1	15	–	–	–	4	5	4	2	–	–		
Non-support,	3	Fem.,	3	2	1	1	2	–	–	1	–	1	1	–	–	45	15·00
Nullity of marriage,	6	Males,	2	1	1	2	–	–	–	1	–	1	–	–	–	71	11·83
		Fem.,	4	4	–	4	–	–	–	1	–	3	–	–	–		
Totals,	189	Males,	64	53	11	63	1	–	–	12	24	20	8	–	–	1,927.5	10·20
		Fem.,	125	112	13	118	7	1	1	24	37	49	12	1	–		

* Twenty-five libels dismissed.

Divorces, 1890 — Concluded.

WORCESTER,

Number of libels pending Jan. 1, 1890 (including all cases, whether decrees *nisi* had been entered or not),	140
" " pending Jan. 1, 1890, in which decrees *nisi* had been entered at that date,	61
" " filed during the year 1890,	151
" " in which decrees *nisi* were entered during the year 1890,	112
Number of cases in which *nisi* decrees had been entered (whether pending January 1, or since entered), which were finally disposed of during the year 1890,	83
Number of cases finally determined in 1890,	93*

Causes.	Libellants.			Not contested.	Contested.	Divorce.		Number of Years Married.									
	No.	Sex.				Granted.	Refused.	Under 6 mos.	Under 1 year.	1 to 5	5 to 10	10 to 20	20 to 30	Over 30	Unk.	Aggregate.	Average.
Adultery,	11	Males,	6	4	2	6	–	–	–	3	–	1	1	1	–	114	10·36
		Fem.,	5	5	–	5	–	–	1	–	3	1	–	–	–		
Cruel and abusive treatment,	14	Fem.,	14	6	8	14	–	1	1	2	3	4	2	1	–	151	10·79
Desertion,	38	Males,	14	13	1	14	–	–	–	–	9	1	4	–	–	423	12·18
		Fem.,	24	23	1	24	–	–	–	5	7	7	5	–	–		
Extreme cruelty,	1	Fem.,	1	1	–	1	–	–	–	1	–	–	–	–	–	2	2·00
Intoxication,	16	Fem.,	16	15	1	16	–	–	–	3	5	5	3	–	–	192	12·00
Non-support,	3	Fem.,	3	3	–	3	–	–	–	–	1	–	2	–	–	57	19·00
Totals,	83	Males,	20	17	3	20	–	–	–	3	9	2	5	1	–	939	11·31
		Fem.,	63	53	10	63	–	1	2	11	19	17	12	1	–		

* Ten libels dismissed.

MEDICAL EXAMINERS' RETURNS.

1890.

MEDICAL EXAMINERS' RETURNS.

TABLE I. — BY STATE AND COUNTIES.

Exhibiting the Number of Deaths from Accident or Negligence, Suicide, Homicide, and Other Causes in Each County which have been Investigated during the Year 1890, under the Medical Examiner Laws.

	Percentage.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Number of deaths investigated,	100·00	1,773	21	67	155	2	231	29	127	27	256	2	107	41	554	154
I. HOMICIDE.																
Totals,	1·97	35	3	1	2	–	1	1	3	1	3	–	1	–	19	–
Abortion,	–	3	–	–	–	–	–	–	–	–	–	–	–	–	3	–
Infanticide,	–	4	–	–	–	–	–	1	–	–	1	–	–	–	2	–
Weapons.																
Fire-arms,	–	9	1	–	–	–	–	–	1	1	1	–	1	–	4	–
Stabbing,	–	3	–	–	–	–	–	–	1	–	–	–	–	–	2	–
Poisons,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Other methods,	–	16	2	1	2	–	1	–	1	–	1	–	–	–	8	–
II. SUICIDE																
Totals,	11·07	196	2	13	16	1	24	6	8	4	27	1	15	5	54	20

Weapons.																
Fire-arms,	–	45	1	3	1	–	8	2	–	–	7	–	6	1	13	3
Other weapons.																
Cutting throat, etc.,	–	23	–	1	3	1	2	–	2	1	1	–	3	–	5	4
Asphyxia.																
Drowning,	–	30	1	1	7	–	2	1	–	2	3	–	1	1	8	3
Hanging,	–	45	–	2	3	–	7	2	3	1	7	1	5	1	6	7
Poisons,	–	48	–	6	2	–	5	1	3	–	7	–	–	2	19	3
Other methods,	–	5	–	–	–	–	–	–	–	–	2	–	–	–	3	–
III. ACCIDENT OR NEGLIGENCE.																
Totals,	48·62	862	11	37	50	–	112	16	59	12	110	1	60	19	280	95
Weapons.																
Fire-arms and other weapons,	–	11	1	1	2	–	1	–	–	2	3	–	–	1	–	–
Machinery (elevators, etc.),	–	29	–	–	2	–	3	–	–	–	1	–	–	–	18	5
Public travel (railroad and other vehicles, etc.),	–	338	1	23	14	–	31	7	21	3	48	–	37	4	107	42
Burns, scalds and explosions,	–	43	–	–	1	–	6	3	–	–	7	–	–	–	23	3
Falls, blows and falling bodies,	–	104	1	1	1	–	12	2	12	2	9	1	3	–	51	9
Asphyxia.																
Drowning,	–	230	3	7	22	–	44	4	20	4	27	–	17	10	50	22
Other forms of asphyxia,	–	59	3	2	6	–	3	–	2	1	10	–	2	1	23	6
Poisons,	–	14	–	1	1	–	2	–	2	–	2	–	1	1	3	1
Weather agencies,	–	17	2	–	1	–	8	–	1	–	1	–	–	–	2	2
Other accidental causes,	–	17	–	2	–	–	2	–	1	–	2	–	–	2	3	5

TABLE I. — Concluded.

	Percentage.	STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
IV. CAUSES NOT DUE TO VIOLENCE.																
Alcoholism, ...	4·34	77	1	5	7	–	7	–	2	–	15	–	4	2	31	3
Natural causes, ...	31·30	555	4	11	77	1	76	6	48	10	89	–	25	13	162	33
Causes unknown or ill-defined, .	2·71	48	–	–	3	–	11	–	7	–	12	–	2	2	8	3
AUTOPSIES, ...	–	206	5	9	9	–	18	2	11	1	17	–	1	2	122	9

Table II. — CAUSES OF DEATHS, investigated by the Medical Examiners.

Classified Arrangement,

Distinguishing by Months, by Age, and by Sex, the Number of Deaths and Causes of the Same, as returned by the Medical Examiners, for the Year

1890.

[Still-born included.]

Sex.	Deaths. Sex. Males.	Fem.	Unk.	Totals.	Months. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Ages. Under 1 week.	1 week to 1 year.	1 to 5 years.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
Persons, .	.	.	.	1,773	147	121	108	137	151	140	160	196	159	150	146	158	98	76	57	63	61	85	254	295	226	196	177	123	38	24
Males, .	1,303	.	.	.	108	75	69	106	113	111	121	144	117	112	108	119	49	32	38	54	52	73	209	235	163	147	117	92	21	23
Females, .	.	449	.	.	38	44	37	28	36	29	37	51	39	37	36	37	28	44	19	9	9	12	45	62	63	49	60	31	17	1
Unknown, .	.	.	21	.	1	2	2	3	2	–	2	1	3	1	2	2	21	–	–	–	–	–	–	–	–	–	–	–	–	–

TABLE II. — Continued.

CAUSES OF DEATH.	SEX.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	DEATHS. Males.	Females.	Unknown.	Totals.	AGES. Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
DEATHS FROM VIOLENCE.																															
CRIMINAL VIOLENCE.																															
I. HOMICIDE,	Males,	2	-	-	2	2	2	4	1	4	4	4	-	25	.	.	35	4	-	1	-	2	2	7	2	4	2	1	-	-	-
	Fem.,	1	-	2	1	1	2	-	-	2	1	-	-	.	10	.	.	-	-	-	-	1	1	5	1	1	1	-	-	-	-
By weapons.																															
—Shooting,	Males,	1	-	-	-	1	1	-	-	1	-	2	-	6	.	.	9	-	-	1	-	1	1	1	-	1	-	-	-	-	-
	Fem.,	-	-	-	-	1	-	-	-	1	1	-	-	.	3	.	.	-	-	-	-	1	1	1	-	-	-	-	-	-	-
—Stabbing,	Males,	1	-	-	-	-	1	1	-	-	-	-	-	3	.	.	3	-	-	-	-	-	-	-	1	2	-	-	-	-	-
—Other wounds: incised, crushing or otherwise,	Males,	-	-	-	-	-	-	-	-	-	-	1	-	1	.	.	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	Fem.,	1	-	1	-	-	-	-	-	-	-	-	-	.	2	.	.	-	-	-	-	-	-	1	1	-	-	-	-	-	-
By falls and blows,	Males,	-	-	-	2	1	-	3	1	2	2	-	-	11	.	.	13	-	-	-	-	1	1	5	1	1	2	-	-	-	-
	Fem.,	-	-	-	-	-	1	-	-	1	-	-	-	.	2	.	.	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Abortion,	Fem.,	-	-	1	1	-	1	-	-	-	-	-	-	.	3	.	3	-	-	-	-	-	-	3	-	-	-	-	-	-	-
Infanticide,	Males,	-	-	-	-	-	-	-	-	1	2	1	-	4	.	.	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
VIOLENCE (NOT CRIMINAL).																															
II. SUICIDE,	Males,	15	10	8	19	15	12	6	17	22	15	8	9	156	.	.	196	-	-	-	-	-	3	21	36	29	23	19	20	3	2
	Fem.,	6	1	7	3	3	1	4	5	5	2	2	1	.	40	.	.	-	-	-	-	-	3	6	6	5	10	6	2	2	-
By weapons.																															
—Fire-arms,	Males,	3	5	3	5	3	5	-	6	7	3	1	2	43	.	.	45	-	-	-	-	-	1	7	11	9	9	4	1	-	1
	Fem.,	1	1	-	-	-	-	-	-	-	-	-	-	.	2	.	.	-	-	-	-	-	-	1	1	-	-	-	-	-	-
—Other weapons, cutting throat, etc.,	Males,	3	2	-	3	2	5	1	1	3	1	-	1	22	.	.	23	-	-	-	-	-	1	2	5	7	-	6	1	-	-
	Fem.,	-	-	1	-	-	-	-	-	-	-	-	-	.	1	.	.	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Leaps from heights,	Males,	-	-	1	-	-	-	-	1	-	-	-	-	2	.	.	3	-	-	-	-	-	-	1	-	-	-	1	-	-	-
	Fem.,	-	-	-	-	-	-	-	-	-	-	1	-	.	1	.	.	-	-	-	-	-	-	-	-	-	1	-	-	-	-

Asphyxia.	Males,	2	-	2	4	2	1	-	-	1	4	1	3	20	.	.	30	-	-	-	-	-	1	1	9	2	5	2	-	-	-
—*Drowning,*	Fem.,	2	-	-	1	1	1	1	1	2	1	-	-	.	10	.	.	-	-	-	-	-	-	1	1	-	0	-	1	2	-
—Hanging,	Males,	4	1	1	4	5	-	1	4	6	4	4	1	35	.	.	45	-	-	-	-	-	-	2	4	6	3	6	10	3	1
	Fem.,	1	-	2	1	1	-	1	2	-	1	1	-	.	10	.	.	-	-	-	-	-	-	-	-	2	4	3	1	-	-
—Illuminating and other gases,	Fem.,	-	-	-	1	-	-	-	-	-	-	-	-	.	1	.	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Poisons.																															
—Arsenic and its compounds,	Males,	1	1	1	2	1	-	1	1	2	1	-	-	11	.	.	17	-	-	-	-	-	-	4	2	1	3	1	-	-	-
	Fem.,	1	-	4	-	1	-	-	-	-	-	-	-	.	6	.	.	-	-	-	-	-	2	1	1	-	1	1	-	-	-
—Opium and its preparations,	Males,	2	1	-	1	2	1	-	3	3	2	2	-	17	.	.	19	-	-	-	-	-	-	1	4	4	3	-	5	-	-
	Fem.,	1	-	-	-	-	-	-	1	-	-	-	-	.	2	.	.	-	-	-	-	-	1	-	1	-	-	-	-	-	-
—Other poisons,	Males,	-	-	-	-	-	-	3	1	-	-	-	2	6	.	.	12	-	-	-	-	-	-	3	1	-	-	-	2	-	-
	Fem.,	-	-	-	-	-	-	2	1	3	-	-	-	.	6	.	.	-	-	-	-	-	-	2	1	3	-	-	-	-	-
Other methods,	Fem.,	-	-	-	-	-	-	-	-	-	-	-	1	.	1	.	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
III. ACCIDENT OR NEGLIGENCE,	Males,	47	35	34	56	71	71	75	89	64	56	71	65	734	.	.	862	16	5	32	50	44	63	149	132	88	63	47	25	2	18
	Fem.,	2	14	6	4	7	12	18	23	11	12	9	10	.	128	.	.	2	18	14	7	7	2	15	17	17	11	9	6	3	-
Weapons.																															
—Fire-arms,	Males,	-	-	-	-	1	1	1	-	3	1	4	-	11	.	.	11	-	-	-	1	1	6	1	1	-	-	1	-	-	-
Machinery.																															
—Elevators,	Males,	1	-	-	1	1	-	1	3	-	4	3	3	17	.	.	18	-	-	-	-	3	2	4	3	2	2	-	1	-	-
	Fem.,	-	-	1	-	-	-	-	-	-	-	-	-	.	1	.	.	-	-	-	-	1	-	-	-	-	-	-	-	-	-
—Other machinery,	Males,	-	-	1	-	1	-	3	1	-	2	2	-	10	.	.	11	-	-	-	-	-	1	2	2	4	1	-	-	-	-
	Fem.,	-	-	-	1	-	-	-	-	-	-	-	-	.	1	.	.	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Public travel.																															
—Railroad accidents,	Males,	23	8	17	12	21	23	16	32	25	27	26	24	254	.	.	283	-	-	3	13	9	19	68	51	31	26	19	10	1	4
	Fem.,	1	-	-	-	-	2	-	16	4	3	1	2	.	29	.	.	-	-	2	1	1	1	6	5	4	2	3	3	1	-
—Horse railroad,	Males,	-	1	-	1	1	2	*1	1	-	-	2	-	9	.	.	13	-	-	-	3	1	-	1	2	2	-	-	-	-	-
	Fem.,	-	-	-	-	-	1	*1	-	-	-	*1	1	.	4	.	.	-	-	-	-	-	1	-	1	1	-	-	-	1	-
—Other vehicles,	Males,	-	3	2	3	3	3	8	-	2	2	4	2	32	.	.	36	-	-	6	1	-	3	4	9	4	1	4	-	-	-
	Fem.,	-	-	1	-	-	-	1	-	1	-	-	1	.	4	.	.	-	-	2	-	-	-	1	-	-	-	-	1	-	-
—Horses,	Males,	-	-	-	1	-	-	1	-	2	-	1	-	5	.	.	6	-	-	1	-	-	-	1	1	-	2	-	-	-	-
	Fem.,	-	-	1	-	-	-	-	-	-	-	-	-	.	1	.	.	-	-	-	-	-	-	-	1	-	-	-	-	-	-

* Electric car.

TABLE II. — Continued.

CAUSES OF DEATH.	SEX.	MONTHS. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	DEATHS. Males.	Females.	Unknown.	Totals.	AGES. Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
III. ACCIDENT OR NEGLIGENCE — Con.																															
Burns, scalds and explosions,	Males,	3	5	-	4	2	1	-	2	-	-	2	3	22	.	.	43	-	2	2	-	-	-	5	5	3	2	-	2	-	1
	Fem.,	-	10	1	1	1	1	2	2	-	2	1	-	.	21	.	.	-	-	2	-	-	-	2	6	4	3	3	1	-	-
Falls and blows,	Males,	3	3	6	11	6	4	5	6	5	8	6	10	73	.	.	84	-	-	3	1	-	1	12	18	12	13	8	4	-	1
	Fem.,	-	-	1	-	-	2	3	1	2	1	1	-	.	11	.	.	-	1	1	-	-	-	1	1	2	2	1	1	1	-
Falling bodies,	Males,	1	1	1	1	1	-	-	3	2	1	3	5	19	.	.	20	-	-	-	2	-	-	2	5	4	2	4	-	-	-
	Fem.,	-	-	-	-	-	-	1	-	-	-	-	-	.	1	.	.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Asphyxia.																															
—Drowning,	Males,	10	11	4	14	29	33	33	34	14	7	14	7	210	.	.	230	-	-	14	26	29	27	39	24	21	11	4	5	-	10
	Fem.,	1	2	-	1	3	2	2	2	1	4	1	1	.	20	.	.	-	-	5	4	1	-	2	2	1	3	2	-	-	-
—Overlaying and asphyxia in bed,	Males,	2	-	-	1	-	-	-	-	1	1	-	1	6	.	.	22	6	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fem.,	-	2	1	-	-	2	-	2	2	1	2	4	.	16	.	.	2	14	-	-	-	-	-	-	-	-	-	-	-	-
—In burning buildings,	Males,	-	-	-	-	-	-	-	-	-	-	-	1	1	.	.	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
—Poisonous gases and vapors,	Males,	1	-	-	-	-	-	1	-	-	1	2	2	7	.	.	11	-	-	-	1	-	2	2	1	-	-	1	-	-	-
	Fem.,	-	-	-	-	2	-	-	-	-	-	2	-	.	4	.	.	-	1	-	1	-	-	1	-	1	-	-	-	-	-
—Other forms of asphyxia,	Males,	1	1	1	4	2	1	2	1	1	-	-	5	19	.	.	25	8	1	1	2	1	-	1	1	1	-	1	2	-	-
	Fem.,	-	-	-	-	1	1	1	-	1	1	-	1	.	6	.	.	-	1	2	-	-	-	1	-	2	-	-	-	-	-
Poisons.																															
—Arsenic and its compounds,	Fem.,	-	-	-	1	-	-	-	-	-	-	-	-	.	1	.	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
—Opium and its preparations,	Males,	-	-	-	-	-	-	-	-	1	1	-	-	2	.	.	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-
—Chloral hydrate,	Males,	1	-	-	-	-	-	1	-	-	-	-	-	2	.	.	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-
—Other poisons,	Males,	-	1	1	-	2	1	-	1	1	1	-	-	8	.	.	9	-	-	2	-	-	-	2	2	-	1	-	-	-	1
	Fem.,	-	-	-	-	-	1	-	-	-	-	-	-	.	1	.	.	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Weather agencies.																															
—Tornado,	Males,	-	-	-	-	-	-	1	-	-	-	-	-	1	.	.	7	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	Fem.,	-	-	-	-	-	-	6	-	-	-	-	-	.	6	.	.	-	-	-	1	1	-	1	1	1	1	-	-	-	-

— Heat and sunstroke,	Males,	-	-	-	-	-	-	1	3	-	-	-	-	4	.	.	4	-	-	-	-	-	-	1	1	-	-	1	1	-	-
— Lightning,	Males,	-	-	-	-	-	-	-	-	3	-	-	-	3	.	.	3	-	-	-	-	-	-	1	1	-	-	1	-	-	-
— Exposure, including shipwreck,	Males,	-	-	-	1	1	1	-	-	-	-	-	-	3	.	.	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
*Other accidental causes,**	Males,	1	1	1	2	-	1	-	2	4	-	2	2	16	.	.	17	-	2	-	-	-	2	1	3	4	1	1	-	1	1
	Fem.,	-	-	-	-	-	-	1	-	-	-	-	-	.	1	.	.	-	1	-	-	-	-	-	-	-	-	-	-	-	-
IV. CAUSES NOT DUE TO VIOLENCE,	Males,	43	27	25	27	24	24	32	34	23	37	22	43	361	.	.	632	23	16	5	3	4	5	32	62	40	58	49	47	16	1
	Fem.,	28	28	20	19	24	10	13	21	19	20	22	26	.	250	.	.	20	20	4	2	1	6	18	36	40	24	44	22	12	1
	Unk.,	1	2	2	3	2	-	2	1	3	1	2	2	.	.	21	.	21	-	-	-	-	-	-	-	-	-	-	-	-	-
1. ALCOHOLISM,	Males,	2	6	6	8	2	-	6	5	1	3	2	8	49	.	.	77	-	-	-	-	-	2	11	18	6	9	2	1	-	-
	Fem.,	6	3	2	2	2	1	3	2	-	3	1	3	.	28	.	.	-	-	-	-	-	-	3	7	10	-	6	1	1	-
2. NATURAL CAUSES.																															
Zymotic diseases,	Males,	5	-	-	-	1	1	-	3	2	1	-	1	14	.	.	19	-	4	2	-	-	1	2	2	-	2	1	-	-	-
	Fem.,	-	-	-	1	-	-	1	1	2	-	-	-	.	5	.	.	-	4	1	-	-	-	-	-	-	-	-	-	-	-
Constitutional diseases.																															
— Phthisis and hemoptysis,	Males,	5	2	-	2	1	-	2	1	-	2	1	-	16	.	.	27	-	-	-	1	-	1	3	6	1	1	2	-	1	-
	Fem.,	1	1	-	-	1	-	1	3	2	-	1	1	.	11	.	.	-	-	-	-	-	3	2	2	1	2	-	-	1	-
— Other constitutional diseases,	Males,	1	-	-	-	-	-	-	1	1	1	-	-	4	.	.	7	1	2	1	-	-	-	-	-	-	-	-	-	-	-
	Fem.,	-	-	-	-	-	-	-	2	-	1	-	-	.	3	.	.	-	1	-	-	-	-	-	2	-	-	-	-	-	-
Local diseases.																															
1. *Nervous system.*																															
— Apoplexy,	Males,	4	6	4	1	2	4	1	3	3	5	2	3	38	.	.	64	-	-	-	-	-	1	3	4	8	5	6	6	5	-
	Fem.,	-	4	1	3	3	2	1	2	2	1	4	3	.	26	.	.	-	1	-	-	-	-	2	6	5	1	7	2	2	-
— Epilepsy and meningitis and other brain diseases,	Males,	2	1	2	3	1	1	-	-	-	1	3	4	18	.	.	31	1	3	-	2	1	-	3	3	3	-	1	1	-	-
	Fem.,	-	1	4	-	1	1	2	-	-	-	3	1	.	13	.	.	-	5	1	2	-	-	3	-	-	-	2	-	-	-
2. *Organs of circulation.*																															
— Heart disease,	Males,	19	9	8	10	13	12	13	14	11	20	9	19	157	.	.	255	-	2	-	-	3	-	9	19	18	32	33	35	5	1
	Fem.,	12	8	8	10	11	3	4	4	9	7	11	11	.	98	.	.	-	-	-	-	1	-	2	12	18	20	25	15	4	1
— Aneurism and other diseases of circulatory organs,	Males,	-	1	-	-	-	-	-	-	1	2	-	2	6	.	.	11	-	-	-	-	-	-	-	-	-	1	3	2	-	-
	Fem.,	-	-	-	1	-	-	-	1	1	1	-	1	.	5	.	.	-	-	-	-	-	-	2	2	-	-	1	-	-	-
3. *Organs of respiration.*																															
— Bronchitis,	Fem.,	-	-	-	-	-	-	-	-	-	-	-	2	.	2	.	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
— Pneumonia and other diseases of respiratory organs,	Males,	4	1	1	1	2	1	4	1	-	1	3	1	20	.	.	32	1	1	-	-	-	-	-	7	4	4	1	1	1	-
	Fem.,	4	4	1	-	1	-	-	1	-	-	-	1	.	12	.	.	-	1	1	-	-	-	2	3	3	-	2	-	-	-

* Three cases by electricity.

TABLE II. — Concluded.

CAUSES OF DEATH.	SEX.	MONTHS.												DEATHS.				AGES.													
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Males.	Females.	Unknown.	Totals.	Under 1 week.	1 week to 1 year.	1 to 5 yrs.	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	Over 80	Unknown.
IV. CAUSES NOT DUE TO VIOLENCE—Con.																															
4. *Digestive organs.*																															
—Peritonitis,	Males,	-	-	2	-	-	-	-	2	-	-	-	-	4	.	.	7	-	-	-	-	-	-	1	2	-	1	-	-	-	-
	Fem.,	1	1	-	-	-	-	-	-	-	-	1	-	.	3	.	.	-	-	-	-	-	1	-	-	1	-	1	-	-	-
—Other diseases of digestive organs,	Males,	-	-	-	-	1	1	2	1	1	-	1	-	7	.	.	16	-	2	2	-	-	-	-	-	-	3	-	-	-	-
	Fem.,	-	2	-	-	1	2	1	-	-	2	-	1	.	9	.	.	-	2	1	-	-	1	2	-	2	1	-	-	-	-
5. *Urinary organs.*																															
—Nephritis and other diseases of urinary organs,	Males,	-	-	-	-	-	-	-	-	-	-	-	1	1	.	.	4	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	Fem.,	-	-	2	-	-	-	-	-	-	1	-	-	.	3	.	.	-	-	-	-	-	-	-	1	-	-	-	2	-	-
Developmental diseases.																															
1. *Of children.*																															
—Still-birth,	Males,	-	1	1	2	1	-	3	1	1	1	1	1	13	.	.	48	13	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fem.,	2	2	-	2	2	1	-	1	2	1	-	1	.	14	.	.	14	-	-	-	-	-	-	-	-	-	-	-	-	-
	Unk.,	1	2	2	3	2	-	2	1	3	1	2	2	.	.	21	.	21	-	-	-	-	-	-	-	-	-	-	-	-	-
—Premature birth and other developmental dis. of children,	Males,	1	-	1	-	-	4	-	1	2	-	-	-	9	.	.	19	7	2	-	-	-	-	-	-	-	-	-	-	-	-
	Fem.,	1	1	1	-	2	-	-	1	-	3	1	-	.	10	.	.	6	4	-	-	-	-	-	-	-	-	-	-	-	-
2. *Of adults.*																															
—Childbirth,	Fem.,	-	-	-	-	-	-	-	2	-	-	-	-	.	2	.	2	-	-	-	-	-	1	-	1	-	-	-	-	-	-
3. *Of the aged.*																															
—Old age,	Males,	-	-	-	-	-	-	1	1	-	-	-	3	5	.	.	11	-	-	-	-	-	-	-	-	-	-	-	1	4	-
	Fem.,	1	1	1	-	-	-	-	1	1	-	-	1	.	6	.	.	-	-	-	-	-	-	-	-	-	-	-	2	4	-
UNKNOWN OR ILL-DEFINED CAUSES,	Males,	1	3	2	2	1	2	4	3	4	-	3	2	27	.	.	48	6	11	-	1	2	-	-	1	2	1	1	-	-	2
	Fem.,	1	1	2	1	1	4	2	2	2	2	3	-	.	21	.	.	6	6	1	-	-	-	1	2	-	3	1	1	-	-

SUMMARY OBSERVATIONS.

FORTY-NINTH REGISTRATION REPORT.

(1890.)

The following observations upon the Births, Marriages and Deaths registered in Massachusetts in 1890, are intended to present a summary of the statistics compiled in the office of the Secretary of State from the official returns received from the registration officers of the cities and towns.

The statistics of population employed in preparing this Report are those of the United States Census of 1890.

A condensed statement of the population is presented, since all deductions relative to rates of births, marriages and deaths must necessarily be founded upon the number of the population, as the most essential factor. Other important factors which are considered, are age, sex, nativity, seasons of the year, localities and density of the population; and, in that division of the Report which relates to mortality, special prominence is given to the causes of death, and particularly to those causes which have sanitary significance, some of which are recognized as more or less preventable.

By the provisions of recent statutes, it is also required that the statistics of Divorces, and the Returns of the Medical Examiners relative to deaths by violence, shall be published in the Registration Report.

The Registration of the Births, Marriages and Deaths of Massachusetts embraces a period of nearly a half century. The broad term Demography has in later years been applied to the general field of science of which Vital Statistics form the most important branch. The statistics of the period embraced within the years 1842 to 1890, form a valuable life-history of the State during those years.

The number of births returned by the Registration Officers of Massachusetts for the year 1890 was 57,777, the number of marriages was 20,838 and of deaths 43,528; or, 702 more births, 441 more marriages and 1,751 more deaths than were recorded in 1889.

The aggregate registration, including 2,099 still-births, was 124,242, which was 2,972 greater than that of 1889.

The excess of living births over deaths was 14,249. It was greater than that of any previous year since the beginning of registration, except 1859 and 1889. In 1889 the births exceeded the deaths by 15,298.

* TABLE 1. — *Births, Marriages and Deaths, with the Population and Rates, 1851–1890.*

YEARS.	Population.	Births.	Marriages.	Deaths.	Excess of Births over Deaths.	Births to 1,000 Persons.	Persons Married to 1,000.	Deaths to 1,000 Persons.	Excess Rate of Births over Deaths.
1851, . . .	1,022,084	28,661	11,966	18,934	9,727	28·04	23·42	18·52	9.52
1852, . . .	1,049,654	29,802	11,578	18,482	11,320	28·39	22·06	17·61	10·78
1853, . . .	1,077,224	30,920	12,828	20,301	10,619	28·70	23·82	18·85	9·85
1854, . . .	1,104,794	31,997	13,683	21,414	10,583	28·96	24·76	19·38	9·58
1855, . . .	1,132,364	32,845	12,329	20,798	12,047	29·01	21·77	18·37	10·64
1856, . . .	1,152,105	34,445	12,265	20,734	13,711	29·89	21·30	17·99	11·90
1857, . . .	1,171,846	35,320	11,739	21,280	14,040	30·14	20·04	18·16	11·98
1858, . . .	1,191,586	34,491	10,527	20,776	13,715	28·95	17·66	17·44	11·51
1859, . . .	1,211,327	35,442	11,475	20,976	14,466	29·26	18·94	17·32	11·94
1860, . . .	1,231,067	36,051	12,404	23,068	12,983	29·28	20·15	18·74	10·54
1861, . . .	1,238,260	35,445	10,972	24,085	11,360	28·62	17·72	19·45	9·17
1862, . . .	1,245,453	32,275	11,014	22,974	9,301	25·91	17·68	18·45	7·47
1863, . . .	1,252,646	30,314	10,873	27,751	2,563	24·20	17·36	22·16	2·04
1864, . . .	1,259,839	30,449	12,513	28,753	1,696	24·17	19·86	22·82	1·35
1865, . . .	1,267,031	30,249	13,051	26,152	4,097	23·87	20·60	20·64	3·23
1866, . . .	1,305,095	34,085	14,428	23,637	10,448	26·12	22·10	18·11	8·00
1867, . . .	1,343,159	35,062	14,451	22,773	12,289	26·11	21·52	16·95	9·01
1868, . . .	1,381,223	36,193	13,856	25,603	10,590	26·21	20·06	18·53	7·67
1869, . . .	1,419,287	36,141	14,826	26,054	10,087	25·46	20·89	18·35	7·10
1870, . . .	1,457,351	38,259	14,721	27,329	10,930	26·25	20·20	18·75	7·50
1871, . . .	1,496,263	39,791	15,746	27,943	11,848	26·60	21·04	18·67	7·92
1872, . . .	1,535,175	43,235	16,142	35,019	8,216	28·16	21·02	22·81	5·35
1873, . . .	1,574,087	44,481	16,437	33,912	10,569	28·26	20·88	21·54	6·71
1874, . . .	1,612,999	45,631	15,564	31,887	13,744	28·29	19·30	19·77	8·52
1875, . . .	1,651,912	43,996	13,663	34,978	9,018	26·63	16·54	21·17	5·46
1876, . . .	1,678,147	42,149	12,749	33,186	8,963	25·12	15·18	19·77	5·34
1877, . . .	1,704,382	41,850	12,758	31,342	10,508	24·55	14·96	18·40	6·16
1878, . . .	1,730,616	41,238	12,893	31,303	9,935	23·83	14·90	18·09	5·74
1879, . . .	1,756,851	40,295	13,802	31,801	8,494	22·94	15·70	18·10	4·83
1880, . . .	1,783,085	44,217	15,538	35,292	8,925	24·80	17·42	19·79	5·01
1881, . . .	1,814,896	45,220	16,768	36,458	8,762	24·91	18·48	20·09	4·82
1882, . . .	1,846,707	45,670	17,684	36,785	8,885	24·73	19·12	19·92	4·79
1883, . . .	1,878,518	47,285	18,194	37,748	9,537	25·17	19·36	20·09	5·07
1884, . . .	1,910,329	48,615	17,333	36,990	11,625	25·45	18·12	19·36	6·08
1885, . . .	1,942,141	48,790	17,052	38,094	10,696	25·12	17·56	19·61	5·51
1886, . . .	2,001,501	50,788	18,018	37,244	13,544	25·37	18·00	18·61	6·76
1887, . . .	2,060,861	53,174	19,533	40,763	12,411	25·80	18·96	19·78	6·02
1888, . . .	2,120,221	54,893	19,739	42,097	12,796	25·89	18·62	19·86	6·03
1889, . . .	2,179,582	57,075	20,397	41,777	15,298	26·19	18·72	19·17	7·02
1890, . . .	2,238,943	57,777	20,838	43,528	14,249	25·81	18·62	19·44	6·37

* In all but census years the population and rates have been estimated, in order that an approximate comparison may be made.

The ratios to the living population for 1890 were as follows, as calculated upon the population of 1890, namely, 2,238,943 : —

Birth-rate, ...	25·81	to 1,000 of	the living	population.
Marriage-rate (marriages), . .	9·31	"	"	"
(Persons married), ...	18 62	"	"	"
Death-rate, ...	19·44	"	"	"
Excess of births over deaths, .	6 37	"	"	"

These rates would indicate, upon the population of 1890, one child born alive to 39 persons, one person married to 54 persons, and one death to 51 living persons.

The same data also indicate a daily average of 158 births, 57 marriages and 119 deaths during the year 1890.

In Table 1 are presented the population, the number of births, marriages and deaths, the excess of births over deaths, the birth, marriage and death rates, and the natural rate of increase of the population for a period of forty years. By this table it appears that the birth-rate of 1890 was less than that of either 1888 or 1889.

The marriage-rate was less than that of 1889, and the same as that of 1888.

The death-rate was greater than that of 1889, but less than that of either 1887 or 1888.

TABLE 2. — *Showing Rates for Periods ending with Census Years, 1855–1890.*

	Marriages to 1,000 Persons.	Births to 1,000 Persons.	Deaths to 1,000 Persons.	Excess of Birth-rate over Death-rate.
5 years ending 1855, . .	11·6	28·6	18·6	10·0
5 " " 1860, . .	9·8	29·5	17·9	11·6
5 " " 1865, . .	9·3	25·3	20·7	4·6*
5 " " 1870, . .	10·5	26·0	18·2	7·8
5 " " 1875, . .	9·9	27·6	20·8	6·8
5 " " 1880, . .	7·8	24·3	18·8	5·5
5 " " 1885, . .	8·7	25·1	19·8	5·3
5 " " 1890, . .	9·3	25·8	19·4	6·4
40 " " 1890, . .	9·54	26·29	19·35	6·94

* 8·3, excluding the three years most influenced by the war.

In periods of five years, the excess of our birth-rates over the death-rates shows a gradual tendency to decrease from

1850 to 1885, but in the last five-year period there was an increase from 5·3 to 6·4 per 1,000.

Table 3 exhibits the birth, death and marriage rates of several European countries having registration, together with the natural increase for a series of years, or the excess of the birth-rate over the death-rate.

The table also shows that for the period of twenty years (1861–1880) Massachusetts shows a smaller rate of natural increase than those of the European countries quoted, except France and Hungary.

For 1889 and 1890 the natural rate of increase of Massachusetts was greater than those of either France or Ireland.

The marriage-rate of Massachusetts in 1889 and 1890 was greater than those of either of the countries included in the table, and for the twenty-year period, 1861–1880, it was only exceeded by that of Hungary.

These data are from the most authentic sources, including the Registrar-General's Report of England for 1889, the official reports of other countries, from the very full and complete tables of Professor Bodio of Milan, and from Mulhall's Dictionary of Statistics, new edition, 1891.

TABLE 3. — *Rates of Births, Marriages and Deaths in Various Countries, 1861–1880, 1888 and 1889.*

COUNTRIES.	1861-1880.				1888.				1889.			
	Birth-rate.	Death-rate.	Excess of Birth-rate over Death-rate.	Marriage-rate.	Birth-rate.	Death-rate.	Excess of Birth-rate over Death-rate.	Marriage-rate.	Birth-rate.	Death-rate.	Excess of Birth-rate over Death-rate.	Marriage-rate.
Massachusetts,	26·0	19·7	6·3	18·8	25·9	19·9	6·0	18·6	26·2 25·7*d*	19·2 19·4*d*	7·0 6·3*d*	18·7 18·6*d*
England and Wales,	35·3	21·9	13·4	16·4	30·6	17·8	12·8	14·2	30·5	17·9	12·6	14·7
Scotland,	34·9	21·9	13·0	14·2	30·5	17·6	12·9	12·5	30·1	18·0	12·1	12·9
Ireland,*	26·2	17·5	8·7	9·8	22·9	18·0	4·9	8·4	22·8	17·5	5·3	9·1
Denmark,	31·2	19·7	11·5	15·3	31·7	19·7	12·0	14·2	31·3	18·6	12·7	14·2
Sweden,	30·9	19·2	11·7	13·4	28·8	16·0	12·8	11·8	–	–	–	–
Austria,	39·7	31·1	8·6	17·1	37·9	29·2	8·7	15·8	37·9	27·3	10·6	15·0
Prussia,	38·6	26·8	11·8	17·2	37·7	23·0	14·7	16·1	37·2	23·2	14·0	16·4
Netherlands,	35·8	24·7	11·1	16·2	33·7	20·4	13·3	13·8	33·2	20·1	13·1	13·9
France,	25·9	23·6	2·3	15·8	23·1	21·8	1·3	14·4	23·0	20·5	2·5	14·2
Hungary,†	42·8	38·7	4·1	20·6	43·4	31·7	11·7	18·5	–	–	–	–
Switzerland,‡	30·6	23·6	7·0	15·1	27·7	19·9	7·8	14·1	27·6	20·3	7·3	14·1
Belgium,	31·8	22·8	9·0	14·6	29·1	20·1	9·0	14·7	29·5	19·1	10·4	14·5
Italy,§	37·1	30·0	7·1	15·2	36·6	26·8	9·8	15·6	37·3	24·9	12·4	15·0
German Empire,‖	39·6	26·9	12·7	17·4	36·7	23·8	12·9	15·7	36·5	23·8	12·7	16·1
Russia,*a*	49·4	35·7	13·7	18·8	41·4	26·7	14·7	15·7	–	–	–	–
Spain,*a*	37·1	30·0	7·1	15·0	–	–	–	–	–	–	–	–
Norway,*b*	30·8	16·9	13·9	14·5	30·8	16·9	13·9	12·3	29·7	17·4	12·3	12·4
New Hampshire,	–	–	–	–	18·6	19·7	1·1*e*	19·5	18·4	17·8	0·6	19·2
Rhode Island,*c*	24·0	17·9	6·1	18·4	24·3	20·4	3·9	18·7	–	–	–	–

* For 17 years. † 15 years. ‡ 13 years. § 18 years. ‖ 9 years. *a* 12 years. *b* 10 years. *c* 7 years. *d* 1890. *e* decrease.

The following table presents the highest and lowest birth, marriage and death rates of different foreign countries for recent years: —

Birth-rates.

Countries.	Highest. 1861-80.	Highest. 1881-85.	Countries.	Lowest. 1861-80.	Lowest. 1881-85.
1. Russia,	49·6	48·7	5. Sweden,	31·4	29·4
2. Croatia,*	45·3	–	4. Switzerland,	31·0	28·2
3. Hungary,	–	45·0	3. Greece,‡	28·4	–
4. Servia,†	43·6	–	2. Ireland,	26·2	24·0
5. Wurtemberg,	41·8	37.7	1. France,	25·8	24·7

* 1874-80. † 1879-83. ‡ 1865-82.

*Marriage-rates.**

Countries.	Highest. 1841-50.	Highest. 1871-80.	Countries.	Lowest. 1841-50.	Lowest. 1871-80.
1. Hungary,	–	20·6	5. Italy,	–	15·3
2. Germany,	17·4	17·7	4. Switzerland,	–	15·3
3. Austria,	–	17·1	3. Spain,	–	15·1
4. England,	16·1	16·3	2. Belgium,	13·8	14·6
5. Holland,	14·4	16·1	1. Sweden,	15·0	13·6

* Persons married per 1,000 annually.

Death-rates.

Countries.	Highest. 1861-70.	Highest. 1871-80.	Countries.	Lowest. 1861-70.	Lowest. 1871-80.
1. Hungary,	38·7	40·1	5. Scotland,	22·1	21·8
2. Austria,	30·4	31·2	4. United Kingdom (Gr. Br.)	21·4	21·0
3. Italy,	30·1	29·7	3. Denmark,	20·1	19·3
4. Spain,	–	29·7	2. Sweden,	20·0	18·4
5. Germany,	–	27·1	1. Ireland,	16·8	18·3

The foregoing statistics are from Mulhall's Dictionary, edition of 1891.

POPULATION.

Accurate knowledge of the census of any given population is essential to a correct understanding and interpretation of its vital statistics, since the former constitutes the basis upon which the latter are computed.

The following summary observations upon the vital statistics of Massachusetts, for the year 1890, are based upon the United States census of that year.

The mortality-rates presented in Table VIII. of the foregoing series of tables are calculated upon the United States census of 1890. At the time when these tables were prepared the data of the census relative to sex had not been furnished, hence the usual sex-distribution could not be presented.

The population of the State in 1890 was 2,238,943.

The changes in population from 1765 to 1890, together with the annual rates of increase, as shown by the colonial, national and State census enumerations, are given in the following table: —

TABLE 4. — *Population of Massachusetts and Annual Rates of Increase, 1765–1890, compiled from Colonial, United States and State Census Reports.* *

YEARS.	Population.	Annual Rate of Increase.	
Col., 1765, ...	238,195	2·16 per cent.	
" 1776, ...	295,080	2·02 "	
U. S, 1790, ...	378,787	1·16 "	
" 1800, ...	422,845	1·16 "	
" 1810, ...	472,040	1·08 "	
" 1820, ...	523,287	1·66 "	
" 1830, ...	610,408	2·08 "	
" 1840, ...	737,700	3·48 "	
" 1850, ...	994,514	2·56 "	
State, 1855, ...	1,132,369	1·74 "	Ten years, 1·19
U. S., 1860, ...	1,231,066	·58 "	
State, 1865, ...	1,267,031	3·00 "	" 3·04
U. S., 1870, ...	1,457,351	2·67 "	
State, 1875, ...	1,651,912	1·59 "	" 1·76
U. S, 1880, ...	1,783,085	1·78 "	
State, 1885, ...	1,942,141	3·06 "	" 2·55
U. S, 1890, ...	2,238,943		

* Census of Massachusetts. Part I. 1885; p. 78.

The following table (5) gives the number of persons living at each age-period for the census years 1865, 1870, 1875, 1880 and 1885, and also the average number for each age-period for the five census years.

In the diagram on page 212 the same data are presented for the census year 1885, for each of the age-periods of five years each from birth to one hundred years. The scale is that of one million inhabitants. For example, at the age-period twenty to twenty-five years, there were living, at the date of the census of 1885, in Massachusetts, 46,480 men and 56,100 women in each million of the population.

The value of this table will be seen by reference to the table of principal infectious diseases, in the section relating to the causes of death.

The results of the national census are not sufficiently complete at the date of publishing this report to allow the presentation of a similar table based upon the census of 1890 in the present Registration Report.

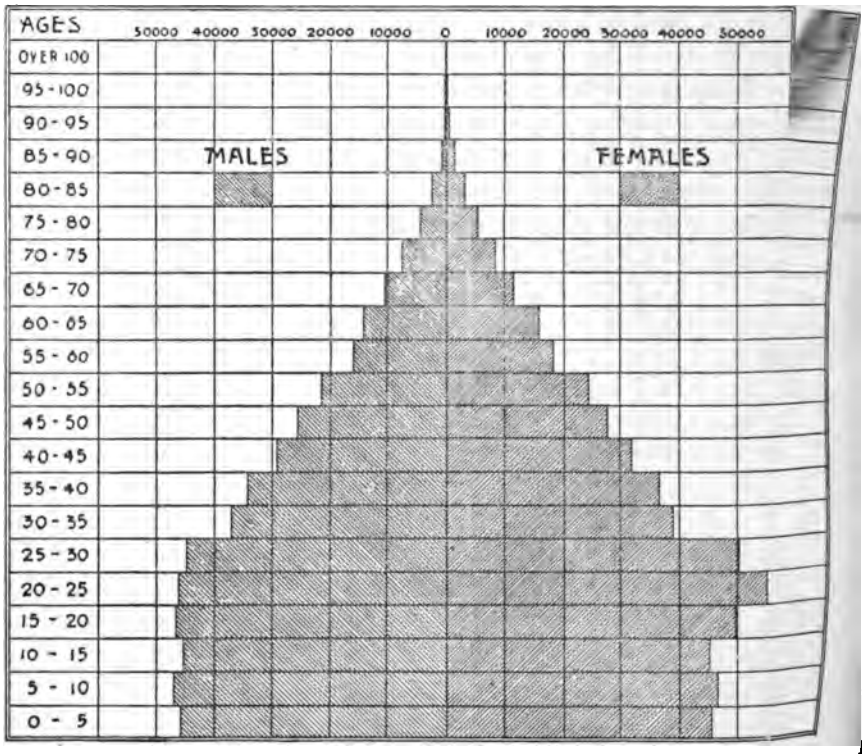
TABLE 5. — *Massachusetts.* — *Population by Sex and by Age-periods.* — *State and National Census (1865–1885).*

YEARS.	Totals.	Males.	Females.	Under 5.	5-9 inclusive.	10-14 inclusive.	15-19 inclusive.	20-29 inclusive.	30-39 inclusive.	40-49 inclusive.	50-59 inclusive.	60-69 inclusive.	70-79 inclusive.	80 and over.	Unknown Age.
1865, . .	1,267,031	602,010	665,021	133,943	143,391	126,691	117,171	225,506	185,543	142,831	96,446	59,216	26,675	8,316	1,302
1870, . .	1,457,351	703,779	753,572	156,889	139,796	148,371	142,184	274,859	214,151	162,689	108,348	68,401	31,895	9,727	41
1875, . . .	1,651,912	794,383	857,529	173,855	163,738	148,365	165,936	310,861	240,966	182,823	126,430	79,186	38,283	11,167	10,302
1880, . .	1,783,085	858,440	924,645	179,307	171,595	161,425	167,595	343,701	264,413	203,515	142,053	91,619	44,337	13,525	-
1885, . .	1,942,141	932,884	1,009,257	178,338	181,842	176,551	187,247	384,750	287,219	222,920	156,760	101,619	49,235	15,516	144
Average,	1,620,304	778,299	842,005	164,466	160,072	152,281	156,027	307,935	238,458	182,956	126,007	80,008	38,085	11,650	2,358
PERCENTAGES. 1865, .	100·00	47·52	52·48	10·57	11·32	9·99	9·25	17·80	14·64	11·27	7·61	4.67	2·11	.66	·10
1870, .	100·00	48·29	51·71	10·77	9·59	10·18	9·76	18·86	14·70	11·16	7·43	4·69	2·19	·67	-
1875, .	100·00	48·09	51·91	10·53	9·91	8·98	10·04	18·82	14·69	11·07	7·65	4·79	2·32	·68	·62
1880, .	100·00	48·15	51·85	10·06	9·62	9·05	9·40	19·28	14·83	11·41	7·97	5·14	2·49	·76	-
1885, .	100·00	48·03	51·97	9·18	9·36	9·09	9·64	19·81	14·79	11·48	8·07	5·23	2·54	·80	·01
Average,	100·00	48·03	51·97	10·15	9·88	9·40	9·63	19·01	14·72	11·29	7·77	4·94	2·35	·72	·15

·MASSACHUSETTS·

DISTRIBUTION·OF·THE·POPULATION·BY·SEX·AND·AGE·PERIOD

STATE·CENSUS·OF·1885··RATIO·PER·MILLION INHABITANTS



General Table of Birth, Marriage, and Death rates for each city and town in the Commonwealth for the Census Year 1890, expressed as a ratio per 1,000 of the living population.

In the following table are presented the population, and the birth, marriage and death rates of each city and town in the State for the census year 1890. It has been customary to publish this table once in five years at the periods of the State and National Census, since these years furnish definite information as to the numbers of the population, upon which all the rates must depend. These figures cannot in all cases be taken as trustworthy averages of the birth, marriage and death rates of cities and towns for long periods of times, since temporary conditions may exist, especially in small towns, which materially affect the resulting ratios, during the year in which the census is taken.

BIRTH-RATES, MARRIAGE-RATES, AND DEATH-RATES FOR 1890.

TABLE 6. — *Birth-Rates, Marriage-Rates, and Death-Rates for the Census Year 1890, Exhibiting the Population and the Number of Births, Marriages, and Deaths to 1,000 in each County and Town.*

STATE AND COUNTIES.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
MASSACHUSETTS,	2,238,943	25·81	9·31	19·44
BARNSTABLE,	29,172	16·73	8·40	16·54
BERKSHIRE,	81,108	26·32	7·56	18·20
BRISTOL,	186,465	26·59	10·11	20·26
DUKES,	4,369	18·08	8·83	25·41
ESSEX,	299,995	23·68	9·24	18·02
FRANKLIN,	38,610	19·68	7·38	15·80
HAMPDEN,	135,713	30·48	8·83	19·55
HAMPSHIRE,	51,859	20·90	8·12	18·49
MIDDLESEX,	431,167	25·86	8·90	18·43
NANTUCKET,	3,268	15·30	5·51	24·48
NORFOLK,	118,950	22·78	7·88	16·54
PLYMOUTH,	92,700	18·96	8·66	16·86
SUFFOLK,	484,780	28·97	10·93	22·32
WORCESTER,	280,787	26·07	8·86	17·77

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
BARNSTABLE,	29,172	16·73	8·40	16·54
Barnstable,	4,023	16·90	7·48	24·61
Bourne,	1,442	16·64	6·93	15·26
Brewster,	1,003	6·98	6·98	13·95
Chatham,	1,954	14·33	8·70	19·96
Dennis,	2,899	14·14	11·04	22·77
Eastham,	602	18·27	8·31	21·59
Falmouth,	2,567	15·58	6·62	16·75
Harwich,	2,734	15·36	11·34	15·73
Mashpee,	298	43·62	13·42	23·49
Orleans,	1,219	14·77	4·10	18·87
Provincetown,	4,642	26·28	10·99	19·82
Sandwich,	1,819	13·74	4·95	19·24
Truro,	919	14·15	3·26	18·50
Wellfleet,	1,291	9·30	8·52	17·04
Yarmouth,	1,760	13·64	7·39	19·32
BERKSHIRE,	81,108	26·32	7·56	18·20
Adams,	9,213	35·28	8·25	16·17
Alford,	297	3·37	16·84	20·20
Becket,	946	9·51	8·46	14·80
Cheshire,	1,308	11·47	5·35	20·64
Clarksburg,	884	29·41	3·39	19·23
Dalton,	2,885	18·72	5·89	16·98
Egremont,	845	8·28	9·47	10·65
Florida,	436	16·05	4·58	13·76
Great Barrington,	4,612	13·88	8·02	12·36
Hancock,	506	11·86	1·98	25·69
Hinsdale,	1,739	21·28	8·05	23·58
Lanesborough,	1,018	25·40	1·96	13·75
Lee,	3,785	16·38	9·25	15·85
Lenox,	2,889	18·69	3·12	13·85
Monterey,	495	26·26	4·04	30·30
Mount Washington,	148	20·27	40·54	20·27
New Ashford,	125	–	–	8·00
New Marlborough,	1,305	21·46	3·83	22·22
North Adams,	16,074	45·48	9·83	19·10
Otis,	583	18·87	10·29	20·58
Peru,	305	16·39	3·28	32·79
Pittsfield,	17,281	22·22	6·77	19·96
Richmond,	796	30·15	8·79	20·10
Sandisfield,	807	19·83	8·67	27·26
Savoy,	569	17·57	5·27	17·57
Sheffield,	1,954	16·38	9·21	17·40
Stockbridge,	2,132	16·86	4·69	13·60
Tyringham,	412	12·14	2·43	16·99
Washington,	434	13·82	–	13·82
West Stockbridge,	1,492	15·42	9·38	32·17
Williamstown,	4,221	25·59	7·11	16·58
Windsor,	612	11·44	6·54	16·34

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
BRISTOL,	186,465	26·59	10·11	20·26
Acushnet,	1,027	12·66	8·76	20·45
Attleborough,	7,577	28·77	12·27	13·86
Berkley,	894	7·83	3·36	19·01
Dartmouth,	3,122	14·73	6·09	16·98
Dighton,	1,889	13·23	6·88	13·23
Easton,	4,493	25·60	8·24	18·70
Fairhaven,	2,919	13·36	7·88	17·81
Fall River,	74,398	30·67	10·44	22·92
Freetown,	1,417	19·05	6·35	22·58
Mansfield,	3,432	21·85	8·74	13·99
New Bedford,	40,733	25·63	12·50	20·60
North Attleborough,	6,727	25·12	9·22	13·23
Norton,	1,785	15·13	7·84	19·05
Raynham,	1,340	14·93	4·48	19·40
Rehoboth,	1,786	17·92	10·64	16·80
Seekonk,	1,317	18·22	2.28	15·95
Somerset,	2,106	26·59	6·65	17·57
Swanzey,	1,456	15·80	7·25	13·05
Taunton,	25,448	26·37	8·53	18·37
Westport,	2,599	17·31	6·54	18·77
DUKES,	4,369	18·08	8·83	25·41
Chilmark,	353	11·33	14·16	28·33
Cottage City,	1,080	22·22	12·04	29·63
Edgartown,	1,156	25·95	7·80	19·90
Gay Head,	139	43·16	7·19	57·55
Gosnold,	135	14·81	14·81	7.41
Tisbury,	1,506	8·63	5·98	24·57
ESSEX,	299,995	23·68	9·24	18·02
Amesbury,	9,798	23·79	8·88	18·78
Andover,	6,142	19·21	5·70	16·61
Beverly,	10,821	18·94	11·00	15·62
Boxford,	865	8·09	1·16	21·97
Bradford,	*3,720	19·62	7·53	18·82
Danvers,	7,454	19·72	7·24	20·39
Essex,	1,713	17·61	8·17	15·18
Georgetown,	2,117	18·89	6·14	17·48
Gloucester,	24,651	24·06	7·30	17·20
Groveland,	2,191	14·60	6·85	17·80
Hamilton,	961	10·41	8·32	17·69
Haverhill,	27,412	24·73	11·64	18·90
Ipswich,	4,439	17·80	10·14	18·70
Lawrence,	44,654	28·98	10·61	26·51
Lynn,	55,727	25·82	11·88	17·01
Lynnfield,	787	21·61	3·81	12·71
Manchester,	1,789	23·47	5·59	13·97
Marblehead,	8,202	20·48	8·29	19·94
Merrimac,	2,633	18·23	5·70	14·05
Methuen,	4,814	22·43	6·23	25·14

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
ESSEX — Con.				
Middleton,	924	12·98	11·91	10·82
Nahant,	880	18·18	4·55	12·50
Newbury,	1,427	6·31	2·80	8·41
Newburyport,	13,947	20·94	9·46	22·94
North Andover,	3,742	25·12	7·22	21·65
Peabody,	10,158	22·35	5·71	19·87
Rockport,	4,087	16·88	9·79	19·57
Rowley,	1,248	8·81	5·61	25·64
Salem,	30,801	24·80	7·30	23·18
Salisbury,	1,216	15·63	7·40	30·43
Saugus,	3,673	31·31	4·90	17·70
Swampscott,	3,198	18·76	8·13	14·70
Topsfield,	1,022	18·59	6·85	20·55
Wenham,	886	15·81	12·41	18·06
West Newbury,	1,796	12·25	7·80	16·68
FRANKLIN,	38,610	19·68	7·38	15·80
Ashfield,	1,025	15·61	2·93	21·46
Bernardston,	770	12·99	7·79	24·68
Buckland,	1,570	20·38	11·64	21·02
Charlemont,	972	18·52	7·20	18·52
Colrain,	1,671	20·35	9·57	13·17
Conway,	1,451	10·34	10·34	15·16
Deerfield,	2,910	16·17	3·09	16·83
Erving,	972	18·52	10·29	18·60
Gill,	960	6·25	7·29	14·58
Greenfield,	5,252	17·71	8·57	12·76
Hawley,	515	7·77	3·88	19·42
Heath,	503	19·88	5·96	11·93
Leverett,	702	19·95	14·25	14·25
Leyden,	407	12·29	4·91	17·20
Monroe,	282	21·28	–	24·82
Montague,	6,296	36·21	7·31	14·61
New Salem,	856	12·85	3·50	17·52
Northfield,	1,869	11·24	6·42	12·31
Orange,	4,568	24·74	7·88	15·32
Rowe,	541	12·94	7·39	16·62
Shelburne,	1,553	7·73	9·01	16·10
Shutesbury,	453	11·04	4·42	17·66
Sunderland,	663	13·57	4·52	18·10
Warwick,	565	14·16	3·54	19·47
Wendell,	505	17·82	7·92	11·88
Whately,	779	11·55	7·70	24·39
HAMPDEN,	135,713	30·48	8·83	19·55
Agawam,	2,352	14·03	4·68	18·71
Blandford,	871	18·37	5·74	14·93
Brimfield,	1,096	18·25	5·47	22·81
Chester,	1,295	25·48	6·95	10·81
Chicopee,	14,050	31·24	12·53	23·63

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
HAMPDEN — Con.				
Granville,	1,061	19·79	8·48	16·97
Hampden,	831	4·02	13·24	18·05
Holland,	201	14·93	9·95	19·90
Holyoke,	35,637	42·68	3·87	21·38
Longmeadow,	2,183	29·32	7·33	15·14
Ludlow,	1,939	18·57	6·19	15·47
Monson,	3,650	74·79	6·03	12·33
Montgomery,	266	11·28	7·52	18·80
Palmer,	6,520	29·15	11·81	16·25
Russell,	879	20·48	5·69	22·75
Southwick,	914	13·13	4·37	9·85
Springfield,	44,179	27·16	8·65	19·49
Tolland,	393	30·53	2·54	27·99
Wales,	700	18·57	4·29	11·43
Westfield,	9,805	24·72	8·26	17·13
West Springfield,	5,077	33·88	6·89	19·11
Wilbraham,	1,814	17·89	7·17	18·19
HAMPSHIRE,	51,859	20·90	8·12	18·49
Amherst,	4,512	13·74	5·76	17·51
Belchertown,	2,120	16·98	8·02	25·00
Chesterfield,	608	8·22	6·58	23·03
Cummington,	787	19·06	7·62	12·71
Easthampton,	4,395	22·07	8·19	28·67
Enfield,	952	23·10	9·45	19·96
Goshen,	297	16·84	10·10	13·47
Granby,	765	23·53	2·61	14·38
Greenwich,	526	24·70	9·51	17·11
Hadley,	1,669	16·78	5·99	25·16
Hatfield,	1,246	16·85	4·01	16·05
Huntington,	1,385	27·44	6·50	20·94
Middlefield,	455	17·58	2·20	10·99
Northampton,	14,990	20·68	8·27	15·08
Pelham,	486	18·52	2·06	20·58
Plainfield,	435	6·90	9·20	16·09
Prescott,	376	21·28	7·98	18·62
Southampton,	1,017	12·78	3·93	12·78
South Hadley,	4,261	23·22	7·51	18·54
Ware,	7,329	30·70	12·96	18·97
Westhampton,	477	25·15	4·19	8·39
Williamsburg,	2,057	13·12	10·21	20·90
Worthington,	714	14·01	2·80	14·01
MIDDLESEX,	431,167	25·86	8·90	18·43
Acton,	1,897	16·87	8·43	20·03
Arlington,	5,629	26·47	7·28	14·74
Ashby,	825	12·12	8·48	10·91
Ashland,	2,532	24·48	8·29	13·82
Ayer,	2,148	24·21	5·59	19·09
Bedford,	1,092	14·65	6·41	19·23

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
ESSEX — Con.				
Middleton,	924	12·98	11·91	10·82
Nahant,	880	18·18	4·55	12·50
Newbury,	1,427	6·31	2·80	8·41
Newburyport,	13,947	20·94	9·46	22·94
North Andover,	3,742	25·12	7·22	21·65
Peabody,	10,158	22·35	5·71	19·87
Rockport,	4,087	16·88	9·79	19·57
Rowley,	1,248	8·81	5·61	25·64
Salem,	30,801	24·80	7·30	23·18
Salisbury,	1,216	15·63	7·40	30·43
Saugus,	3,673	31·31	4·90	17·70
Swampscott,	3,198	18·76	8·13	14·70
Topsfield,	1,022	18·59	6·85	20·55
Wenham,	886	15·81	12·41	18·06
West Newbury,	1,796	12·25	7·80	16·68
FRANKLIN,	38,610	19·68	7·38	15·80
Ashfield,	1,025	15·61	2·93	21·46
Bernardston,	770	12·99	7·79	24·68
Buckland,	1,570	20·38	11·64	21·02
Charlemont,	972	18·52	7·20	18·52
Colrain,	1,671	20·35	9·57	13·17
Conway,	1,451	10·34	10·34	15·16
Deerfield,	2,910	16·17	3·09	16·83
Erving,	972	18·52	10·29	18·60
Gill,	960	6·25	7·29	14·58
Greenfield,	5,252	17·71	8·57	12·76
Hawley,	515	7·77	3·88	19·42
Heath,	503	19·88	5·96	11·93
Leverett,	702	19·95	14·25	14·25
Leyden,	407	12·29	4·91	17·20
Monroe,	282	21·28	–	24·82
Montague,	6,296	36·21	7·31	14·61
New Salem,	856	12·85	3·50	17·52
Northfield,	1,869	11·24	6·42	12·31
Orange,	4,568	24·74	7·88	15·32
Rowe,	541	12·94	7·39	16·62
Shelburne,	1,553	7·73	9·01	16·10
Shutesbury,	453	11·04	4·42	17·66
Sunderland,	663	13·57	4·52	18·10
Warwick,	565	14·16	3·54	19·47
Wendell,	505	17·82	7·92	11·88
Whately,	779	11·55	7·70	24·39
HAMPDEN,	135,713	30·48	8·83	19·55
Agawam,	2,352	14·03	4·68	18·71
Blandford,	871	18·37	5·74	14·93
Brimfield,	1,096	18·25	5·47	22·81
Chester,	1,295	25·48	6·95	10·81
Chicopee,	14,050	31·24	12·53	23·63

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
HAMPDEN — Con.				
Granville,	1,061	19·79	8·48	16·97
Hampden,	831	4·02	13·24	18·05
Holland,	201	14·93	9·95	19·90
Holyoke,	35,637	42·68	3·87	21·38
Longmeadow,	2,183	29·32	7·33	15·14
Ludlow,	1,939	18·57	6·19	15·47
Monson,	3,650	74·79	6·03	12·33
Montgomery,	266	11·28	7·52	18·80
Palmer,	6,520	29·15	11·81	16·25
Russell,	879	20·48	5·69	22·75
Southwick,	914	13·13	4·37	9·85
Springfield,	44,179	27·16	8·65	19·49
Tolland,	393	30·53	2·54	27·99
Wales,	700	18·57	4·29	11·43
Westfield,	9,805	24·72	8·26	17·13
West Springfield,	5,077	33·88	6·89	19·11
Wilbraham,	1,814	17·89	7·17	18·19
HAMPSHIRE,	51,859	20·90	8·12	18·49
Amherst,	4,512	13·74	5·76	17·51
Belchertown,	2,120	16·98	8·02	25·00
Chesterfield,	608	8·22	6·58	23·03
Cummington,	787	19·06	7·62	12·71
Easthampton,	4,395	22·07	8·19	28·67
Enfield,	952	23·10	9·45	19·96
Goshen,	297	16·84	10·10	13·47
Granby,	765	23·53	2·61	14·38
Greenwich,	526	24·70	9·51	17·11
Hadley,	1,669	16·78	5·99	25·16
Hatfield,	1,246	16·85	4·01	16·05
Huntington,	1,385	27·44	6·50	20·94
Middlefield,	455	17·58	2·20	10·99
Northampton,	14,990	20·68	8·27	15·08
Pelham,	486	18·52	2·06	20·58
Plainfield,	435	6·90	9·20	16·09
Prescott,	376	21·28	7·98	18·62
Southampton,	1,017	12·78	3·93	12·78
South Hadley,	4,261	23·22	7·51	18·54
Ware,	7,329	30·70	12·96	18·97
Westhampton,	477	25·15	4·19	8·39
Williamsburg,	2,057	13·12	10·21	20·90
Worthington,	714	14·01	2·80	14·01
MIDDLESEX,	431,167	25·86	8·90	18·43
Acton,	1,897	16·87	8·43	20·03
Arlington,	5,629	26·47	7·28	14·74
Ashby,	825	12·12	8·48	10·91
Ashland,	2,532	24·48	8·29	13·82
Ayer,	2,148	24·21	5·59	19·09
Bedford,	1,092	14·65	6·41	19·23

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
MIDDLESEX — Con.				
Belmont,	2,098	21·92	7·15	11·44
Billerica,	2,380	20·17	4·20	13·45
Boxborough,	325	12·31	18·46	3·08
Burlington,	617	11·35	1·62	14·59
Cambridge,	70,028	30·30	9·15	17·70
Carlisle,	481	18·71	12·47	12·47
Chelmsford,	2,695	16·33	6·68	20·41
Concord,	4,427	15·59	7·23	13·33
Dracut,	1,996	13·53	5·61	14·03
Dunstable,	416	4·82	13·64	16·86
Everett,	11,068	34·97	8·13	15·81
Framingham,	9,239	26·09	8·12	16·24
Groton,	2,057	16·53	9·72	15·07
Holliston,	2,619	16·42	5·73	19·47
Hopkinton,	4,088	18·59	4·89	21·53
Hudson,	4,670	20·55	8·35	17·56
Lexington,	3,197	18·77	6·57	18·45
Lincoln,	987	11·14	4·05	12·16
Littleton,	1,025	13·66	5·85	15·61
Lowell,	77,696	28·11	12·01	25·23
Malden,	23,031	28·45	10·07	16·03
Marlborough,	13,805	28·25	8·04	19·49
Maynard,	2,700	27·41	10·37	17·78
Medford,	11,079	23·64	5·32	16·24
Melrose,	8,519	20·31	9·16	11·97
Natick,	9,118	24·35	7·79	17·00
Newton,	24,379	21·25	8·57	13·66
North Reading,	874	21·74	9·15	16·02
Pepperell,	3,127	24·62	7·36	15·99
Reading,	4,088	20·30	6·60	15·90
Sherborn,	1,381	13·03	2·90	17·38
Shirley,	1,191	20·15	7·56	19·31
Somerville,	40,152	24·91	8·94	16·64
Stoneham,	6,155	17·06	6·82	14·30
Stow,	903	17·71	4·43	11·07
Sudbury,	1,197	19·21	2·51	11·70
Tewksbury,	2,515	14·71	3·98	21·87
Townsend,	1,750	13·71	7·43	21·14
Tyngsborough,	662	9·06	10·57	22·66
Wakefield,	6,982	24·92	10·46	16·61
Waltham,	18,707	25·77	9·09	15·18
Watertown,	7,073	21·21	6·22	16·68
Wayland,	2,060	21·36	6·80	15·05
Westford,	2,250	16·44	6·22	16·00
Weston,	1,664	10·82	5·41	11·41
Wilmington,	1,213	23·91	4·95	9·07
Winchester,	4,861	24·89	9·26	17·28
Woburn,	13,499	32·60	6·89	16·45
NANTUCKET,	3,268	15·30	5·51	24·48

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
NORFOLK,	118,950	22·78	7·88	16·54
Avon,	1,384	20·23	10·12	12·28
Bellingham,	1,334	23·24	5·25	14·24
Braintree,	4,848	28.26	6·19	17·74
Brookline,	12,103	24·29	10·33	11·73
Canton,	4,538	20·05	8·37	14·32
Cohasset,	2,448	16·75	4·90	17·16
Dedham,	7,123	19·79	9·13	17·13
Dover,	727	1·38	2·75	15·13
Foxborough,	2,933	19·09	8·18	16·37
Franklin,	4,831	23·81	6·42	16·35
Holbrook,	2,474	18·59	6·47	14·96
Hyde Park,	10,193	24·63	7·75	15·70
Medfield,	1,493	10·05	9·38	14·07
Medway,	2,985	16·42	4·02	16·75
Millis,	786	19·08	8·91	17·81
Milton,	4,278	16·60	7·48	14·03
Needham,	3,035	19·77	7·58	15·82
Norfolk,	913	23·00	9·86	16·43
Norwood,	3,733	30·61	7·77	15·00
Quincy,	16,723	33·49	8·01	21·14
Randolph,	3,916	22·98	8·94	26·05
Sharon,	1,634	6·81	5·51	22·64
Stoughton,	4,852	21·23	9·07	14·43
Walpole,	2,604	18·05	6·91	15·75
Wellesley,	3,600	18·33	7·22	14·45
Weymouth,	10,866	20·34	8·10	17·39
Wrentham,	2,566	12·08	5·46	11·69
PLYMOUTH,	92,700	18.96	8·66	16·86
Abington,	4,260	19·71	7·28	15·02
Bridgewater,	4,219	13·27	7·58	24·41
Brockton,	27,294	24·80	11·36	16·27
Carver,	994	10·06	5·03	29·17
Duxbury,	1,908	9·43	8·91	23·06
East Bridgewater,	2,911	13·74	6·87	17·52
Halifax,	562	17·79	7·12	19·57
Hanover,	2,093	14·81	5·26	17·68
Hanson,	1,267	15·00	8·68	18·94
Hingham,	4,564	19·94	4·82	19·50
Hull,	989	11·12	9·10	12·13
Kingston,	1,659	13·26	7·23	13·26
Lakeville,	935	10·70	8·62	13·90
Marion,	871	13·78	1·15	21·81
Marshfield,	1,713	12·26	5·84	16·35
Mattapoisett,	1,148	8·71	11·32	22·65
Middleborough,	6,065	17·48	8·24	15·99
Norwell,	1,635	19·57	8·56	14·68
Pembroke,	1,320	9·09	10·61	15·15
Plymouth,	7,314	18·86	8·48	19·28
Plympton,	597	8·38	8·38	21·78

TABLE 6 — Continued.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
PLYMOUTH — Con.				
Rochester,	1,012	12·85	6·82	18·77
Rockland,	5,213	16·69	6·91	13·04
Scituate,	2,318	14·67	7·77	18·12
Wareham,	3,451	21·44	8·98	15·07
West Bridgewater,	1,917	10·95	8·35	7·82
Whitman,	4,441	25·67	7·66	12·61
SUFFOLK,	484,780	28·97	10·93	22·32
Boston,	448,477	29·29	10·91	22·58
Chelsea,	27,909	27·00	10·93	20·36
Revere,	5,668	18·17	6·17	13·94
Winthrop,	2,726	17·24	7·34	16·87
WORCESTER,	280,787	26·07	8·86	17·77
Ashburnham,	2,074	19·77	9·26	19·77
Athol,	6,319	15·83	10·44	15·83
Auburn,	1,531	16·32	13·05	19·58
Barre,	2,239	10·72	9·83	16·53
Berlin,	884	18·10	13·57	19·23
Blackstone,	6,138	28·02	11·73	20·85
Bolton,	827	16·93	10·88	15·62
Boylston,	770	27·26	10·39	23·78
Brookfield,	3,352	22·97	8·05	13·42
Charlton,	1,847	22·74	6·50	11·37
Clinton,	10,424	29·26	8·83	15·16
Dana,	700	10·00	5·71	15·71
Douglas,	1,908	28·84	4·72	25·68
Dudley,	2,944	26·15	8·49	21·06
Fitchburg,	22,037	29·18	9·85	14·66
Gardner,	8,424	35·97	9·62	20·89
Grafton,	5,002	22·57	7·40	21·79
Hardwick,	2,922	26·35	7·53	17·45
Harvard,	1,095	11·87	4·57	16·44
Holden,	2,623	26·30	5·34	16·77
Hopedale,	1,176	23·81	11·05	15·31
Hubbardston,	1,346	17·83	4·46	21·55
Lancaster,	2,201	12·72	9·54	18·63
Leicester,	3,120	14·74	6·09	9·62
Leominster,	7,269	19·26	11·01	14·45
Lunenburg,	1,146	16·58	8·73	21·82
Mendon,	919	18·50	7·62	17·41
Milford,	8,780	24·49	7·40	18·11
Millbury,	4,428	23·93	8·13	16·71
New Braintree,	573	5·24	5·24	17·45
Northborough,	1,952	27·15	16·39	16·39
Northbridge,	4,603	27·16	6·73	19·34
North Brookfield,	3,871	25·06	11·11	14·98
Oakham,	738	25·75	2·71	21·68
Oxford,	2,616	17·97	3·44	20·64
Paxton,	445	22·47	8·99	20·22

TABLE 6 — Concluded.

COUNTIES AND TOWNS.	Population, U. S. Census, 1890. Totals.	Birth-rate to 1,000 Population.	Marriage-rate to 1,000 Population.	Death-rate to 1,000 Population.
WORCESTER — Con.				
Petersham,	1,050	17·14	5·71	19·05
Phillipston,	502	17·93	9·96	17·93
Princeton,	982	9·16	3·05	15·27
Royalston,	1,030	18·45	16·50	20·39
Rutland,	980	13·26	9·18	17·35
Shrewsbury,	1,449	16·56	4·83	20·01
Southborough,	2,114	23·18	9·46	14·66
Southbridge,	7,655	30·30	8·59	19·07
Spencer,	8,747	28·80	5·14	15·43
Sterling,	1,244	19·29	6·43	27·33
Sturbridge,	2,074	22·18	5·79	11·09
Sutton,	3,180	23·27	8·49	21·07
Templeton,	2,999	17·34	8·34	15·00
Upton,	1,878	9·59	7·46	19·70
Uxbridge,	3,408	23·47	5·58	21·71
Warren,	4,681	32·68	8·76	17·94
Webster,	7,031	33·28	11·38	22·90
Westborough,	5,195	18·29	8·66	25·02
West Boylston,	3,019	28·15	10·60	17·56
West Brookfield,	1,592	15·70	5·65	21·98
Westminster,	1,688	16·59	4·15	21·33
Winchendon,	4,390	23·01	6·84	17·31
Worcester,	84,655	29·66	9·54	17·66

BIRTHS.

The number of births registered in 1890 was 57,777, which was larger than that of any year since the beginning of registration in Massachusetts; the rate for living births, as calculated from the population (25·81), was slightly less than that of 1888 and 1889, but greater than that of any previous year since 1875. The rate was greater than those of either of the five-year periods, 1861–65, 1876–80, and 1881–85; but less than those of the five-year periods, 1851–55, 1856–60, 1866–70, 1871–75, and 1886–90.

The number of births and still-births for a period of twenty years is presented in the following table, and in Table 8 the birth-rates for forty years in groups of five-year periods.

TABLE 7. — *Births for Twenty Years.*

YEARS.	Born Alive.	Still-born.	Totals.	YEARS.	Born Alive.	Still-born.	Totals.
1871, .	39,791	1,390	41,181	1881, .	45,220	1,466	46,686
1872, .	43,235	1,283	44,518	1882, .	45,670	1,485	47,155
1873, .	44,481	1,246	45,727	1883, .	47,285	1,589	48,874
1874, .	45,631	1,469	47,100	1884, .	48,615	1,628	50,243
1875, .	43,996	1,374	45,370	1885, .	48,790	1,589	50,379
1876, .	42,149	1,274	43,323	1886, .	50,788	1,796	52,584
1877, .	41,850	1,254	43,104	1887, .	53,174	1,794	54,968
1878, .	44,238	1,261	42,499	1888, .	54,893	1,943	56,836
1879, .	40,295	1,261	41,556	1889, .	57,075	2,021	59,096
1880, .	44,217	1,297	45,514	1890, .	57,777	2,099	59,876

The birth-rate for 1890, including still-births, was 26·74, or ·94 for still-births alone, as compared with 27·12 and ·93 for 1889.

TABLE 8. — *Showing Birth-rates, 1851–1890.*

Years.	Births to 1,000 of Population.		Years.	Births to 1,000 of Population.	
1851, . . .	28·04	28·63	1871, . . .	26·60	27·58
1852, . . .	28·39		1872, . . .	28·16	
1853, . . .	28·70		1873, . . .	28·26	
1854, . . .	28·96		1874, . . .	28·29	
1855, . . .	29·01		1875, . . .	26·63	
1856, . . .	29·89	29·50	1876, . . .	25·12	24·29
1857, . . .	30·14		1877, . . .	24·55	
1858, . . .	28·95		1878, . . .	23·83	
1859, . . .	29·26		1879, . . .	22·94	
1860, . . .	29·28		1880, . . .	24·80	
1861, . . .	28·62	25·34	1881, . . .	24·91	25·08
1862, . . .	25·91		1882, . . .	24·73	
1863, . . .	24·20		1883, . . .	25·17	
1864, . . .	24·17		1884, . . .	25·45	
1865, . . .	23·87		1885, . . .	25·12	
1866, . . .	26·12	26·02	1886, . . .	25·37	25·82
1867, . . .	26·11		1887, . . .	25·80	
1868, . . .	26·21		1888, . . .	25·89	
1869, . . .	25·46		1889, . . .	26·19	
1870, . . .	26·25		1890, . . .	25·81	

The birth-rate of Europe, exclusive of Russia (1865–1883), was 35·4 to 1,000 of the living population; that of Russia for the same period was 49·4, and that of all Europe was 38·7.

The four European groups rank as follows: —

Eastern Europe (Russia), ...	49·4
Central Europe, ...	37·6
Southern Europe, ...	34·0
North-western Europe, ...	32·0

TABLE 9. — *Births, 1870–1890, and Birth-rates in Census Years, by Counties.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Whole State.
Population, 1865, .	34,610	56,944	89,395	4,200	171,034	31,340	64,570	39,269	220,384	4,748	116,306	63,107	208,212	162,912	1,267,031
" 1870, .	32,744	64,827	102,886	3,787	200,843	32,635	78,409	44,388	274,353	4,123	89,443	65,365	270,802	192,716	1,457,351
" 1875, .	32,144	68,270	131,087	4,071	223,342	33,696	94,304	44,821	284,112	3,201	88,321	69,362	364,886	210,295	1,651,912
" 1880, .	31,897	69,032	139,040	4,300	244,535	36,001	104,142	47,232	317,830	3,727	96,507	74,018	387,927	226,897	1,783,085
" 1885, .	29,845	73,828	158,498	4,135	263,727	37,449	116,764	48,472	357,311	3,142	102,142	81,680	421,109	244,039	1,942,141
" 1890, .	29,172	81,108	186,465	4,369	299,995	38,610	135,713	51,859	431,167	3,268	118,950	92,700	484,780	280,787	2,238,943
Birth-rates, 1865,	**22·3**	**23·6**	**22·1**	**20·71**	**21·8**	**18·2**	**24·2**	**21·1**	**24·4**	**10·11**	**24·8**	**20·9**	**27·5**	**24·5**	**23·9**
Living Births, 1870,	669	1,616	2,682	51	4,772	644	1,969	1,019	7,444	48	2,256	1,463	8,614	5,012	38,259
Birth-rates, 1870,	**20·4**	**24·9**	**26·1**	**13·47**	**23·7**	**19·7**	**25·1**	**22·9**	**27·1**	**11·64**	**25·2**	**22·4**	**31·8**	**26·0**	**26·2**
Living Births, 1871,	709	1,784	2,766	57	5,114	658	2,235	993	7,289	51	2,316	1,464	9,006	5,349	39,791
" 1872,	669	1,637	3,156	64	6,158	674	2,321	1,095	8,261	56	2,416	1,452	9,761	5,515	43,235
" 1873,	615	1,653	3,328	56	5,686	733	2,527	1,111	8,605	55	2,517	1,549	10,254	5,792	44,481
" 1874,	705	1,688	3,252	52	5,820	735	2,618	1,048	7,994	60	2,173	1,521	12,271	5,694	45,631
" 1875,	659	1,678	3,440	65	5,722	673	2,635	1,035	7,247	57	2,276	1,469	11,582	5,458	43,996
Birth-rates, 1875,	**20·5**	**24·6**	**26·2**	**15·97**	**25·6**	**20·0**	**27·9**	**21·3**	**25·5**	**17·81**	**25·8**	**21·2**	**31·7**	**26·4**	**26·6**
Living Births, 1876,	608	1,537	3,220	46	5,216	635	2,443	978	7,140	77	2,024	1,455	11,324	5,451	42,149
" 1877,	607	1,537	3,177	64	5,370	660	2,359	944	7,379	64	2,052	1,459	11,070	5,098	41,850
" 1878,	578	1,508	3,171	54	5,369	617	2,273	894	7,264	69	2,039	1,338	10,715	5,349	41,238
" 1879,	542	1,527	2,852	34	5,086	637	2,374	946	7,052	59	2,004	1,301	10,742	5,139	40,295
" 1880,	505	1,606	3,560	62	5,815	649	2,645	972	8,030	56	2,074	1,346	11,148	5,749	44,217
Birth-rates, 1880,	**15·8**	**23·3**	**25·6**	**14·42**	**23·8**	**18·0**	**25·4**	**20·6**	**25·3**	**15·03**	**21·4**	**18·2**	**28·8**	**25·4**	**24·8**
Living Births, 1881,	485	1,664	4,093	41	5,864	682	2,585	1,005	8,067	60	2,141	1,450	11,124	5,959	45,220
" 1882,	506	1,698	3,799	51	5,927	736	2,756	923	8,087	47	2,229	1,500	11,617	5,794	45,670
" 1883,	508	1,947	4,051	57	6,036	229	2,067	969	8,127	64	2,222	1,445	11,908	6,155	47,285
" 1884,	504	2,005	4,181	45	6,058	709	3,496	979	8,564	57	2,267	1,488	12,063	6,198	48,615
" 1885,	518	1,901	4,190	66	6,070	747	3,482	954	8,843	36	2,329	1,528	12,092	6,034	48,790

Birth-rates,	1885,	**17·4**	**25·7**	**26·4**	**15·96**	**23·0**	**19·9**	**29·8**	**19·7**	**24·7**	**11·46**	**22·8**	**18·7**	**28·7**	**24·7**	**25·1**
Living Births,	1886,	489	1,948	4,460	75	6,535	756	3,517	1,101	9,046	36	2,322	1,553	12,596	6,454	50,788
"	1887,	501	2,025	4,597	67	6,861	798	3,645	1,062	9,926	55	2,430	1,595	12,776	6,836	53,174
"	1888,	547	2,159	4,854	55	6,884	740	3,858	1,069	10,105	46	2,487	1,667	13,334	7,088	54,893
"	1889,	539	2,139	4,826	68	7,073	828	4,038	1,092	10,925	52	2,778	1,736	13,525	7,356	57,075
"	1890,	488	2,135	4,958	79	7,104	760	4,136	1,084	11,149	50	2,710	1,758	14,046	7,320	57,777
Birth-rates,	1890,	**16·38**	**26·32**	**26·58**	**18·08**	**23·68**	**19·68**	**30·47**	**20·90**	**25·85**	**15·30**	**22·78**	**18·96**	**28·98**	**26·07**	**25·81**
Ratio of population to number of families (1875), . .		3·86	4·82	4·59	3·59	4·45	4·28	4·72	4·67	4·68	3·41	4·53	4·24	4·84	4·55	4·60
Ratio of population to number of families (1885), . .		3·58	4·69	4·55	3·39	4·45	4·25	4·67	4·59	4·70	3·06	4·52	4·12	4·84	4·50	4·58

In Table 9 are presented the number of births by counties for a period of twenty years, and the birth-rates of census years.

In this table the births and birth-rate of each county for any given year may be compared with those of other counties, and with those of the State for the same year, and also with the births and birth-rate of the same county in other years.

These tables show a considerable degree of uniformity in the birth-rates of different counties when the birth-rates of the same counties are compared for different census years, while the birth-rates of counties present marked variations when compared with each other, Suffolk County having the highest rates, and Barnstable, Dukes and Nantucket the lowest.

As compared with the births for 1889, there was an increase in Bristol, Dukes, Essex, Hampden, Middlesex, Plymouth and Suffolk, and a decrease in the remaining counties.*

TABLE 10. — *Births and Birth-rates, by Months and Quarters, 1889–1890.*

	Births registered in each Month.		Births registered in each Quarter.		Monthly Percentage of Births.		Quarterly Percentage of Births.	
	1889.	1890.	1889.	1890.	1889.	1890.	1889.	1890.
January, .	4,564	4,947			8·0	8·7		
February, .	4,276	4,488	13,614	14,326	7·5	7·8	23·8	24·8
March, .	4,774	4,891			8·4	8·4		
April, . .	4,621	4,436			8·1	7·7		
May, . .	4,546	4,757	13,802	13,838	7·9	8·2	24·2	23·9
June, . .	4,635	4,645			8·1	8·0		
July, . .	5,070	5,147			8·9	8·9		
August, .	5,174	5,270	15,188	14,976	9·1	9·1	26·6	25·9
September, .	4,944	4,559			8·7	7·9		
October, .	4,858	4,569			8·5	7·9		
November, .	4,712	4,730	14,471	14,637	8·2	8·2	25·4	25·4
December, .	4,901	5,338			8·6	9·2		
The year,	57,075	57,777	57,075	57,777	100·0	100·0	100·0	100·0

Seasons of the Year. — In tables 10 and 11 is shown the relation of the birth-rate to seasons of the year; in the former

* The table which has usually been presented upon this page, containing the birth-rates of cities, will be found on a subsequent page under the title of "Vital Statistics of Cities," where it is combined with the similar tables presenting marriage and death rates.

table the data of 1890 are compared with those of 1889, by months and quarters, and in the latter the numbers of births in each month are presented for a period of twenty years.

The largest number of births in a single month in 1890 occurred in December and in the third quarter of the year, and the least number occurred in April and in the second quarter.

TABLE 11. — *Living Births. — By Months, Quarters and Periods of Six Months. — Twenty Years.*

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1871, ...	3,131	2,883	3,206	2,997	3,063	3,103	3,426	3,710	3,435	3,721	3,407	3,702
1872, ...	3,104	3,216	3,503	3,248	3,385	3,536	3,857	4,103	3,862	3,860	3,711	3,844
1873, ...	2,348	3,230	3,616	3,177	2,384	3,571	3,777	4,087	3,974	4,053	4,000	4,261
1874, ...	3,598	3,252	3,750	3,443	3,686	3,689	4,018	4,266	4,010	4,032	3,871	3,994
1875, ...	3,305	3,204	3,570	3,391	3,564	3,603	3,820	4,071	3,937	3,838	3,742	3,933
1876, ...	3,173	3,237	3,605	3,342	3,299	3,343	3,651	3,950	3,564	3,755	3,515	3,690
1877, ...	3,404	3,127	3,436	3,078	3,146	3,314	3,734	3,854	3,677	3,796	3,607	3,673
1878, ...	3,181	3,116	3,442	3,172	3,248	3,121	3,525	3,765	3,639	3,776	3,555	3,690
1879, ...	3,226	3,064	3,322	3,048	3,125	3,275	3,544	3,720	3,372	3,476	3,505	3,612
1880, ...	3,372	3,369	3,579	3,521	3,708	3,642	3,840	3,921	3,845	3,845	3,791	3,779
1881, ...	3,641	3,475	3,703	3,567	3,713	3,595	3,949	4,263	3,856	3,827	3,783	3,843
1882, ...	3,651	3,449	3,808	3,721	3,516	3,614	3,942	4,162	3,970	4,084	3,784	3,966
1883, ...	3,654	3,465	3,869	3,574	3,662	3,861	4,204	4,323	4,241	4,326	4,033	4,067
1884, ...	2,887	3,812	4,003	3,819	3,959	3,992	4,192	4,293	4,189	4,173	4,008	4,288
1885, ...	3,965	3,821	4,104	3,836	4,001	3,840	4,219	4,461	4,246	4,194	3,992	4,106
1886, ...	4,060	3,803	4,273	3,876	3,951	4,033	4,491	4,569	4,555	4,578	4,209	4,389
1887, ...	4,263	4,070	4,430	4,167	4,306	4,337	4,682	4,884	4,598	4,563	4,450	4,424
1888, ...	4,476	4,145	4,532	4,010	4,336	4,670	5,032	4,963	4,855	4,665	4,440	4,769
1889, ...	4,564	4,276	4,774	4,621	4,546	4,635	5,070	5,174	4,944	4,858	4,712	4,901
1890, ...	4,947	4,488	4,891	4,436	4,757	4,645	5,147	5,270	4,559	4,569	4,730	5,338
Average, . .	3,696	3,524	3,869	3,007	3,667	3,770	4,004	4,287	4,064	4,099	3,940	4,113
Quarters, .	11,089			11,044			12,349			12,152		
Half-years, .	22,133						24,501					

For the period of 20 years (1871–1890) 52·54 per cent. of the births occurred in the last half of the years of the period;

23·78 per cent. in the first quarter, 23·68 per cent. in the second, 26·48 per cent. in the third, and 26·06 per cent. in the fourth quarter.

The largest average number of births for the period of twenty years occurred in the month of August, and the order of the remaining months was as follows: December, October, September, July, November, March, June, January, May, April, February.

TABLE 12. — *Births. — Ratio of Males to Females. — Thirty-seven Years.*

		1889.	1890.	Previous Thirty-seven Years. 1853-1889.
Born alive,	Males,	29,017	29,524	755,587
	Females,	28,042	28,227	715,765
	Not stated,	16	26	2,581
Males to 100 females,		103·6	104·6	105·6
Still-born,	Males,	1,158	1,181	24,236
	Females,	768	832	16,487
	Not stated,	95	86	3,654
Males to 100 females,		150·8	141·9	147·0
Illegitimate,	Males,	543	608	9,100
	Females,	502	598	8,842
	Not stated,	–	–	51
Males to 100 females,		108·2	101·7	102·9

Sex. — The statistics presented in Table 12, relative to the sex of children born in 1890, differ but little from those of 1889, or from the average of the previous thirty-seven years.

The ratio of males to females in 1890 was 104·6, as compared with 103·6 in 1889, 105·4 in 1888, and 105·6 for the period 1853–1889. This agrees quite closely with that of Europe, which was 105·5 for the nineteen years (1865–1883).

The disparity of the sexes among the still-born was greater than among living children, the ratio of males to females in 1890 being 141 9 as compared with 150·8 in 1889, 151·0 in 1888, and 147·0 for the period 1853–1889.

The ratio of male to female births among the illegitimate births was 108·2, while the ratios in previous years were as

follows: 108·2 in 1889, 100·0 in 1888, 97·4 in 1887, and 102·9 for the period 1853–1889.

In Table 13 are presented the statistics relative to the parentage of children born alive in Massachusetts in 1890, together with those relating to the parentage of plural and of illegitimate births.

The excess of children born of foreign parents over those of native parentage was 5,338, which was greater by 838 than the excess of the same class in 1889. It was also greater than that of any year since the beginning of registration.

The number born of mixed parentage was 12,121, which was 358 greater than that of 1889, and also greater than that of any previous year.

The excess of native over foreign births was as follows: —

In Barnstable County,	. . . . .	3·9 native to one foreign.
Berkshire "	. . . . .	1·4 " "
Dukes "	. . . . .	3·3 " "
Essex "	. . . . .	1·1 " "
Franklin "	. . . . .	1·3 " "
Hampshire "	. . . . .	1·2 " "
Nantucket "	. . . . .	all native.
Norfolk "	. . . . .	1·1 native to one foreign.
Plymouth "	. . . . .	2·6 " "

The excess of foreign over native births was as follows: —

In Bristol County,	. . . . .	1·9 foreign to one native.
Hampden "	. . . . .	1·6 " "
Middlesex "	. . . . .	1·3 " "
Suffolk "	. . . . .	1·8 " "
Worcester "	. . . . .	1·3 " "

There was an increase in the ratio of excess of native births as compared with 1889, in Barnstable and Nantucket. There was also an increase in the ratio of excess of foreign over native births in Bristol, Hampden and Middlesex counties as compared with 1889.

There was also an increase, in every county except Barnstable, Franklin, Hampden and Norfolk, in the number of children who were born of mixed parentage.

TABLE 13. — *Parentage of the Children born alive in the Several Counties of Massachusetts during the Year 1890.*

	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Aggregates,	57,777	488	2,135	4,958	79	7,104	760	4,136	1,084	11,149	50	2,710	1,758	14,046	7,320
Both parents native-born,	20,023	337	990	1,369	52	2,847	374	1,299	461	3,765	38	1,148	1,040	3,748	2,555
Both parents foreign-born,	25,361	86	723	2,669	16	2,688	286	2,090	398	5,087	–	1,012	405	6,683	3,218
Native-born father and foreign-born mother,	6,160	28	201	481	6	790	43	371	108	1,166	9	265	156	1,846	690
Foreign-born father and native-born mother,	5,961	37	218	427	5	746	56	364	111	1,096	3	272	152	1,655	819
Not stated,	272	–	3	12	–	33	1	12	6	35	–	13	5	114	38

PLURALITY CASES. — (Included above.)

Totals,	Aggregates,	1,016	12	58	57	–	128	16	78	16	200	–	63	14	238	136
	Males,	544	5	36	20	–	62	7	36	9	117	–	38	5	139	70
	Females,	472	7	22	37	–	66	9	42	7	83	–	25	9	99	66
Both parents native-born,	Males,	165	4	14	6	–	18	–	17	3	25	–	14	4	37	23
	Females,	177	6	8	12	–	32	–	13	3	25	–	14	8	31	25
Both parents foreign-born,	Males,	250	–	15	10	–	32	6	15	3	61	–	17	–	62	29
	Females,	191	–	5	17	–	24	6	19	1	41	–	10	–	41	27

TABLE 13 — Concluded.

		State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
Native-born father,	Males,	71	–	3	2	–	5	1	4	3	24	–	2	1	18	8
	Females,	59	–	3	6	–	3	3	6	3	8	–	–	1	20	6
Native-born mother,	Males,	55	1	4	2	–	5	–	–	–	7	–	5	–	21	10
	Females,	42	1	6	2	–	7	–	4	–	9	–	1	–	4	8
Not stated,	Males,	3	–	–	–	–	2	–	–	–	–	–	–	–	1	–
	Females,	3	–	–	–	–	–	–	–	–	–	–	–	–	3	–

ILLEGITIMATES, PARENT NATIVITY, BY COUNTIES. — (Included above.)

Totals,	Aggregates,	1,206	9	23	44	3	74	8	41	11	155	2	18	13	748	57
	Males,	608	2	12	21	1	35	5	18	5	80	1	14	9	376	29
	Females,	598	7	11	23	2	39	3	23	6	75	1	4	4	372	28
Native-born mother,	Males,	268	2	8	10	1	21	5	13	3	29	–	7	7	145	17
	Females,	251	7	9	7	1	25	2	13	4	22	1	2	4	134	20
Foreign-born mother,	Males,	298	–	3	10	–	12	–	5	2	47	1	6	2	199	11
	Females,	299	–	2	15	1	13	1	6	2	47	–	2	–	202	8
Birthplace of mother not stated,	Males,	42	–	1	1	–	2	–	–	–	4	–	1	–	32	1
	Females,	48	–	–	1	–	1	–	4	–	6	–	–	–	36	–

TABLE 14. — *Percentage* of Native and Foreign Living Births in 1890, and in each of the Previous Nine Years.*

YEARS.	PARENTS.			Births with Parentage not reported.
	Native-born.	Foreign-born.	One Foreign-born.	
1881,	41·62	41·51	16·87	1,447
1882,	42·01	40·55	17·44	1,481
1883,	40·23	41·92	17·85	1,516
1884,	39·73	41·88	18·39	1,460
1885,	39·68	41·61	18·71	1,363
1886,	39·39	41·86	18·75	1,200
1887,	38·22	43·09	18·69	308
1888,	36·76	42·09	21·15	270
1889;	35·68	43·61	20·72	292
1890,	34·82	44·10	21·08	272

* Excluding births with parentage not reported.

TABLE 15. — *Percentage of Native and Foreign Living Births.*

	Average 1849-58.	Average 1859-63.	Average 1864-68.	Average 1869-73.	Average 1874-78.	Average 1879-83.	Average 1884-88.	1889.	1890.
Native,	56·70	46·06	43·85	40·54	40·52	41·68	38·69	35·68	34·82
Foreign,	40·04	46·89	47·73	48·48	45·30	41·32	42·13	43·61	44·10
One parent foreign,	3·26	7·05	8·42	10·98	14·18	17·00	19·18	20·72	21·08

In tables 14 and 15 the percentages of native and foreign-born children are given for a series of years, by which it appears that the percentage of native-born children has decreased with considerable uniformity since 1849, and was also less in 1890 than in any year since the beginning of registration.

The percentage of children born of foreign parents was greater than that of any previous year since 1878.

The percentage of children born of mixed parentage was greater than that of any previous year except 1888.

If the number of births of mixed parentage be equally distributed among the native and the foreign births, the birth-rate of the native population for 1890, estimated on the census of 1885, was 18·5 per 1,000 of the living population, and that of the foreign population was 59·9 per 1,000.

TABLE 16. — *Number of Births during each of the Twenty Years 1871–1890, exhibiting the Sex and Parentage.*

	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.
Totals,	39,791	43,285	44,481	45,631	43,996	42,149	41,850	41,238	40,295	44,217
Males,	20,289	22,140	22,974	23,657	22,457	21,705	21,466	21,199	20,658	22,667
Females,	19,488	21,066	21,485	21,958	21,513	20,410	20,375	20,022	19,623	21,396
Unknown,	14	29	22	16	26	34	9	17	14	154
PARENTAGE.										
Native,	15,797	16,922	17,647	17,508	17,314	16,790	16,897	16,970	16,768	18,130
Foreign,	19,120	21,112	21,293	21,807	20,289	18,590	18,071	17,105	16,298	17,651
Native father and foreign mother,	1,898	2,099	2,139	2,354	2,418	2,448	2,502	2,637	2,723	3,141
Foreign father and native mother,	2,516	2,765	3,062	3,354	3,411	3,485	3,572	3,680	3,665	4,044
Not stated,	460	337	340	608	564	836	808	846	831	1,251

Number of Births, etc. — Concluded.

	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
Totals,	45,220	45,670	47,285	48,615	48,790	50,788	53,174	54,893	57,075	57,777
Males,	23,014	23,281	24,388	24,941	25,053	25,959	27,245	28,156	29,017	29,521
Females,	22,069	22,292	22,875	23,658	23,716	24,822	25,915	26,726	28,042	28,227
Unknown,	137	97	22	16	21	7	14	11	16	26
PARENTAGE.										
Native,	18,218	18,565	18,412	18,734	18,822	19,531	20,207	20,078	20,260	20,023
Foreign,	18,169	18,012	19,188	19,750	19,733	20,758	22,781	22,990	24,760	25,361
Native father and foreign mother,	3,267	3,462	3,771	4,058	4,295	4,518	4,853	5,771	5,913	6,160
Foreign father and native mother,	4,119	4,150	4,398	4,613	4,577	4 781	5,025	5,784	5,850	5,961
Not stated,	1,447	1,481	1,516	1,460	1,363	1,200	308	270	292	272

TABLE 17. — *Parentage of Plural Births. — Twenty Years.*

Years.	Totals.	Native-born.		Foreign-born.		Mixed.		Parentage not stated.	
		Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.
1871, .	739	222	30·0	407	55·1	104	14·1	6	0·8
1872, .	759	276	36·4	416	54·8	67	8·8	–	–
1873, .	832	326	39·2	417	50·1	89	10·7	–	–
1874, .	812	267	32·9	437	53·8	102	12·6	6	0·7
1875, .	769	277	36·0	418	54·4	72	9·4	2	0·2
1876, .	702	252	35·9	342	48·7	106	15·1	2	0·3
1877, .	815	304	37·3	416	51·0	95	11·7	–	–
1878, .	815	343	42·1	358	43·9	112	13·7	2	0·3
1879, .	709	276	38·9	328	46·3	103	14·5	2	0·3
1880, .	771	283	36·7	362	47·0	122	15·8	4	0·5
1881, .	805	296	36·8	378	46·9	123	15·3	8	1·0
1882, .	849	343	40·4	354	41·7	140	16·5	12	1·4
1883, .	803	305	38·0	375	46·7	119	14·8	4	0·5
1884, .	879	316	35·9	418	47·6	139	15·8	6	0·7
1885, .	765	313	40·9	320	41·8	132	17·3	–	–
1886, .	921	350	38·0	418	45·4	137	14·9	16	1·7
1887, .	920	372	40·4	377	41·0	169	18·4	2	0·2
1888, .	878	361	41·1	361	41·1	152	17·3	4	0·4
1889, .	1,103	339	30·7	522	47.3	232	21·0	10	0·9
1890, .	1,016	342	33·7	441	43·4	227	22·3	6	0·6

Plural Births. — In 1890, 1,016 children were born of 506 mothers. Of this number 1,004 were twins and 12 were triplets.

The number of the offspring of plural births in 1890 was greater than that of any previous year except 1889. The percentage of those born of native parentage was greater than that of 1889, but less than that of any previous year since 1874. The percentage of those born of foreign parentage was less than that of 1889, but greater than that of 1887 and of 1888. The percentage of those who were born of mixed parentage was greater than that of any previous year.

TABLE 18. — *Plural Births. — Twenty Years.*

YEARS.	Cases of Twins.	Cases of Triplets.	No. of Living Births to one Case of Twins.	No. of Living Births to one Case of Triplets.
1871, ...	362	5	109	7,958
1872, ...	375	3	115	14,412
1873, ...	407	6	109	7,603
1874, ...	400	4	114	11,408
1875, ...	380	3	116	14,665
1876, ...	345	4	122	10,537
1877, ...	398	5	105	8,370
1878, ...	397	7	104	5,891
1879, ...	353	1	114	40,295
1880, ...	381	3	116	14,739
1881, ...	389	9	116	5,024
1882, ...	417	5	109	9,134
1883, ...	394	5	120	9,457
1884, ...	432	5	113	9,723
1885, ...	376	4	130	12,197
1886, ...	453	5	112	10,158
1887, ...	451	6	118	8,849
1888, ...	434	2	125	27,446
1889, ...	547	3	104	19,025
1890, ...	502	4	115	14,444
Totals, ...	8,193	89	–	–
Average, ...	. .	. .	114	10,517

Ratio of Plural Births. — In the data presented in table 18 for the period of twenty years (1871–90), the ratio of twin births to the whole number of births which occurred in 1890 was the same as the average number of the whole period.

Illegitimate Births. — The number of illegitimate births registered in 1890 was 1,206, which was 20·3 per 1,000 of the whole number of living births in that year. This number was 2·5 per 1,000 greater than the number reported in 1889, 1·5 per 1,000 less than that reported in 1888, and 1·4 per 1,000 greater than the average of the ten years, 1881–1890, and 3·7 greater than the average of the twenty years, 1871–1890.

TABLE 19. — *Illegitimate Living Births registered in Twenty Years.*

YEARS.	CHILDREN BORN OUT OF WEDLOCK.		YEARS.	CHILDREN BORN OUT OF WEDLOCK.	
	Numbers.	To every 1,000 Births.		Numbers.	To every 1,000 Births.
1871, . .	432	10·9	1881, . .	801	17·7
1872, . .	303	7·0	1882, . .	865	18·9
1873, . .	587	13·2	1883, . .	899	19·0
1874, . .	648	14·2	1884, . .	894	18·4
1875, . .	632	14·4	1885, . .	903	18·5
1876, . .	713	16·9	1886, . .	1,034	20·3
1877, . .	697	16·6	1887, . .	1,158	21·8
1878, . .	640	15·5	1888, . .	1,058	19·3
1879, . .	716	17·8	1889, . .	1,045	18·3
1880, . .	778	17·6	1890, . .	1,206	20·9
Average, 1871–1880, .		14·39	Average, 1881–1890, .		19·36

Average, 20 years, 17·10.

TABLE 20. — ILLEGITIMATE BIRTHS. — *Nativity of Mothers. — Twenty Years.*

YEARS.	Total.	NATIVE.		FOREIGN.		NOT STATED.	
		Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.
1871, . .	432	228	52·8	164	38·0	40	9·2
1872, . .	303	165	54·5	121	39·9	17	5·6
1873, . .	587	306	52·1	269	45·8	12	2·1
1874, . .	648	326	50·3	303	46·8	19	2·9
1875, . .	632	250	39·6	354	56·0	28	4·4
1876, . .	713	377	52·9	270	37·9	66	9·2
1877, . .	697	378	54·2	292	41·9	27	3·9
1878, . .	640	353	55·2	206	32·2	81	12·6
1879, . .	716	429	59·9	225	31·4	62	8·7
1880, . .	778	398	51·2	311	39·9	69	8·8
1881, . .	801	487	60·8	266	33·2	48	6·0
1882, . .	865	484	56·0	334	38·6	47	5·4
1883, . .	899	444	49·4	376	41·8	79	8·8
1884, . .	894	445	49·8	370	41·4	79	8·8
1885, . .	903	460	50·9	400	44·3	43	4·8
1886, . .	1,034	496	47·9	489	47·3	49	4·7
1887, . .	1,158	524	45·2	532	45·9	102	8·8
1888, . .	1,058	495	46·8	532	50·3	31	2·9
1889, . .	1,045	480	45·9	494	47·2	71	6·8
1890, . .	1,206	519	43·0	597	49·5	90	7·4
Totals, .	16,009	8,044	–	6,895	–	1,060	–
Average,	–	–	50·3	–	43·1	–	6·6

TABLE 21. — *Nativity of Illegitimate Births, by Counties, — 1881-90.*

COUNTIES.	1890.							PERCENTAGES. — 1881-1890. AVERAGE.		
	Total Numbers.	NATIVE-BORN MOTHER.		FOREIGN-BORN MOTHER.		NATIVITY NOT STATED.				
		Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Native-born Mother.	Foreign-born Mother.	Nativity not stated.
THE STATE,	1,206	519	43·0	597	49·5	90	7·5	49·0	44·5	6·5
Barnstable,	9	9	100·0	–	–	–	–	92·3	7·7	–
Berkshire,	23	17	73·9	5	21·7	1	4·4	67·9	26·8	5·3
Bristol,	44	17	38·6	25	56·8	2	4·6	58·4	38·5	3·1
Dukes and Nantucket,	5	3	60·0	2	40·0	–	–	90·9	6·8	2·3
Dukes,	3	2	66·7	1	33·3	–	–	*90·0	10·0	–
Essex,	74	46	62·2	25	33·8	3	4·0	65·3	32·0	2·7
Franklin,	8	7	87·5	1	12·5	–	–	74·3	24·3	1·4
Hampden,	41	26	63·4	11	26·0	4	9·7	66·2	28·4	5·4
Hampshire,	11	7	63·6	4	36·4	–	–	82·5	16·5	1·0
Middlesex,	155	51	32·9	94	60·6	10	6·5	39·6	57·1	3·3
Nantucket,	2	1	50·0	1	50·0	–	–	*88·9	11·1	–
Norfolk,	18	9	50·0	8	44·4	1	5·6	65·3	30·7	4·0
Plymouth,	13	11	84·6	2	15·4	–	–	73·4	25·5	1·1
Suffolk,	748	279	37·3	401	53·6	68	9·1	42·4	48·8	8·8
Worcester,	57	37	64·9	19	33·3	1	1·8	65·3	30·2	4·5

* 1886-1890.

Illegitimate Births. — Nativity of Mothers. — In table 20 are presented the statistics relative to the nativity of mothers of illegitimate children for a period of twenty years.

The ratio of such children born of native mothers in 1890 was 43.0 per cent., which was less than that of 1889 by 2.9 per cent., and also less than that of any previous year except 1875. It was also less by 7·3 per cent. than the average of the twenty-year period (1871–90).

The ratio of such children born of foreign mothers was greater by 2·3 per cent. than that of 1889, and greater by 6·4 per cent. than the average of the twenty-year period.

In table 21 is presented the nativity of illegitimate births in Massachusetts by counties for the year 1890, and also for the ten-year period (1881–90). The highest percentages of such births of native-born mothers occurred in Barnstable, Dukes, Nantucket, Hampshire, Franklin and Plymouth counties for the ten-year period, and the lowest in Suffolk, Middlesex and Bristol for the ten-year period.

In table 22 are presented the statistics relative to the ratio of illegitimate births to each thousand living births by counties for the period of ten years (1881–90), by which it appears that Suffolk County presented the highest ratio, both for the whole period and also for the single year 1890. Dukes and Nantucket counties together came next in order for the single year 1890, and for the whole period.

The lowest ratios for the year 1890 were presented in Bristol, Hampden, Norfolk, Plymouth and Worcester counties, and for the whole period in Bristol, Berkshire, Franklin, Hampden, Norfolk and Worcester counties.

TABLE 22. — *Ratio of Illegitimate Births to Every 1,000 Births, in each County, — 1881–1890.*

	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	Average.
THE STATE,	17·7	18·9	19·0	18·4	18·5	20·3	21·6	19·3	18·3	20·8	19·4
Barnstable,	22·6	23·7	15·7	15·8	25·1	22·5	10·0	25·6	22·3	18·4	20·2
Berkshire,	6·6	11·8	5·1	11·4	9·4	14·4	5·9	13·4	7·5	10·8	9·7
Bristol,	9·2	9·1	7·2	8·3	7·1	9·2	8·7	11·1	8·3	8·1	8·8
Dukes and Nantucket,	39·6	51·0	74·4	29·4	39·2	36·0	24·6	39·6	25·0	38·8	39·7
Dukes,	–	–	–	–	–	26·6	29·8	36·4	14·7	38·0	29·1
Essex,	12·1	11·1	11·4	11·3	12·5	9·9	8·7	12·3	11·0	10·4	11·1
Franklin,	10·2	9·5	5·5	12·7	9·4	9·3	13·8	12·1	6·0	10·5	9·9
Hampden,	7·7	6·9	8·5	6·3	6·9	9·9	10·1	8·5	9·7	9·9	8·8
Hampshire,	9·9	10·8	11·3	11·2	5·3	17·0	10·4	8·4	7·3	10·2	10·1
Middlesex,	16·3	16·4	16·7	12·2	14·6	12·9	16·6	14·2	12·9	13·9	14·6
Nantucket,	–	–	–	–	–	55·5	18·2	43·5	38·5	40·0	37·6
Norfolk,	7·9	9·4	8·1	6·1	8·6	7·3	8·2	4·8	6·8	6·6	7·4
Plymouth,	14·5	30·0	6·9	9·4	9·1	11·6	10·0	8·4	13·2	7·4	11·9
Suffolk,	38·8	37·7	41·4	44·5	43·4	50·6	57·1	44·5	44·3	53·2	46·1
Worcester,	4·5	9·1	6·3	6·4	6·3	5·7	7·0	8·3	8·3	7·8	7·1

MARRIAGES.

The number of marriages registered in Massachusetts in 1890 was 20,838, which was 441 more than the number registered in 1889, and 1,099 more than that of 1888, and was also greater than that of any previous year. The number of persons married for each thousand of the estimated living population was 18·62, and the number of marriages to each thousand was 9·31.

There was one person married to every 53·7 of the estimated population, as compared with one in each 53·3 in 1889 and 53·7 in 1888.

TABLE 23. — *Marriage-rates, — 1851–1890 (40 years).*

YEARS.	Marriages.	Persons Married to 1,000 Living.	Number Living to One Marriage.	YEARS.	Marriages.	Persons Married to 1,000 Living.	Number Living to One Marriage.
1851, .	11,966	23·42	85	1872, .	16,142	21·02	95
1852, .	11,578	22·06	91	1873, .	16,437	20·88	96
1853, .	12,828	23·82	84	1874, .	15,564	19·30	103
1854, .	13,683	24·76	81	1875, .	13,663	16·54	121
1855, .	12,329	21·77	92	1876, .	12,749	15·18	132
1856, .	12,265	21·30	94	1877, .	12,758	14·96	134
1857, .	11,739	20·04	100	1878, .	12,893	14·90	134
1858, .	10,527	17·66	113	1879, .	13,802	15·70	127
1859, .	11,475	18·94	106	1880, .	15,538	17·42	114
1860, .	12,404	20·15	99	1881, .	16,768	18·48	109
1861, .	10,972	17·72	113	1882, .	17,684	19·12	104
1862, .	11,014	17·68	113	1883, .	18,194	19·36	103
1863, .	10,873	17·36	115	1884, .	17,333	18·12	110
1864, .	12,513	19·86	101	1885, .	17,052	17·56	114
1865, .	13,051	20·60	97	1886, .	18,018	18·00	111
1866, .	14,428	22·10	90	1887, .	19,533	18·90	105
1867, .	14,451	21·52	93	1888, .	19,739	18·62	107
1868, .	13,856	20·06	99	1889, .	20,397	18·72	107
1869, .	14,826	20·89	96	1890, .	20,838	18·62	107
1870, .	14,721	20·20	99				
1871, .	15,746	21·04	95	Av'ge,	–	19·08	104

The marriage-rate of 1890, as calculated from the census of 1890, was ·50 greater than the average of the past twenty years. It was also greater by 1·04 per 1,000 than the average of the decade 1871–80, and ·06 greater than that of the decade 1881–90. It was also ·46 less than the average of the period of forty years represented in the foregoing table (1851–1890).

TABLE 24.—*Marriages by Counties, 1881–1890, and Marriages to 1,000 Living, 1875, 1880, 1885, 1890.*

	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1875.	1880.	1885.	1890.
THE STATE, . .	16,768	17,684	18,194	17,333	17,052	18,018	19,533	19,739	20,397	20,838	8·27	8·71	8·78	9·31
Barnstable, . .	240	233	275	265	277	222	283	257	251	245	8·43	7·02	9·34	8·39
Berkshire, . .	553	545	617	535	539	610	635	594	592	613	6·59	7·20	7.30	7·56
Bristol, . .	1,[illegible]98	1,610	1,569	1,585	1,445	1,513	1,644	1,656	1,678	1,885	8·65	8·35	9·12	10·11
Dukes, . . .	23	36	37	30	49	47	40	23	35	39	8·35	8·83	11·85	9·27
Essex, . . .	2,319	2,511	2,594	2,400	2,430	2,496	2,584	2,649	2,763	2,773	8·33	9·68	9·21	9·24
Franklin, . .	320	319	276	290	282	304	280	290	319	285	7·45	8·50	7·53	7·38
Hampden, . .	1,076	1,122	1,168	1,136	1,080	1,045	1,147	1,210	1,203	1,198	9·56	9·29	9·24	8·82
Hampshire, . .	398	389	446	372	358	376	396	368	430	421	7·43	8·11	7·38	8·13
Middlesex, . .	3,001	3,147	3,200	3,069	3,057	3,347	3,567	3,533	3,754	3,836	7·76	8·38	8·55	8·90
Nantucket, . .	24	29	24	28	18	28	29	24	49	18	8·75	7·25	5·72	5·50
Norfolk, . . .	744	708	756	743	709	816	957	836	936	937	6·88	7·23	6·94	7·88
Plymouth, . .	646	668	743	710	652	686	752	769	729	803	7·05	7·89	7·98	8·66
Suffolk, . . .	4,045	4,283	4,330	4,211	4,289	4,463	4,884	5,058	5,229	5,297	9·59	9·63	10·18	10·92
Worcester, . .	1,981	2,084	2,159	1,959	1,867	2,065	2,335	2,472	2,429	2,488	7·59	8·33	7·65	8·85

Table 24 presents the number of marriages in each county for each year in the period of ten years (1881–1890), together with the marriage-rates (number of marriages to each 1,000 living) for the census years 1875, 1880, 1885 and 1890.

TABLE 25. — *Marriages and Marriage-rates by Months and Quarters, 1889–1890.*

MONTHS.	Marriages registered in each Month.		Marriages registered in each Quarter.		Monthly Percentage of Marriages.		Quarterly Percentage of Marriages.	
	1889.	1890.	1889.	1890.	1889.	1890.	1889.	1890.
January, .	1,662	1,530	4,127	3,852	8·15	7·34	20·23	18·48
February, .	1,302	1,505			6·38	7·22		
March, .	1,163	817			5·70	3·92		
April, . .	1,533	1,886	5,148	5,746	7·52	9·05	25·24	27·58
May, . .	1,495	1,474			7·33	7·08		
June, . .	2,120	2,386			10·40	11·45		
July, . .	1,503	1,531	4,847	4,984	7·37	7·35	23·76	23·92
August, .	1,379	1,491			6·76	7·15		
September, .	1,965	1,962			9·63	9·42		
October, .	2,323	2,250	6,275	6,256	11·39	10·80	30·77	30·02
November, .	2,493	2,505			12·22	12·02		
December, .	1,459	1,501			7·15	7·20		
The four quarters,	20,397	20,838	20,397	20,838	100·00	100·00	100·00	100·00

TABLE 26. — *Marriages given Quarterly for Ten Years.*

YEARS.	1st Quarter.		2d Quarter.		3d Quarter.		4th Quarter.		Total.
	Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.	
1881, .	3,481	20·77	4,294	25·62	3,716	22·17	5,271	31·44	– –
1882, .	3,614	20·45	4,590	25·98	3,835	21·70	5,632	31·87	– –
1883, .	3,732	20·52	4,644	25·53	4,222	23·21	5,572	30·74	– –
1884, .	3,674	21·19	4,424	25·54	3,916	22·59	5,317	30·68	– –
1885, .	3,362	19·72	4,390	25·75	3,915	22·96	5,384	31·57	– –
1886, .	3,671	20·38	4,370	24·25	4,312	23·93	5,665	31·44	– –
1887, .	3,898	19·96	4,982	25·51	4,388	22·46	6,265	32·07	– –
1888, .	3,740	18·95	5,296	26·83	4,631	23·46	6,072	30·76	– –
1889, .	4,127	20·23	5,148	25·24	4,847	23·76	6,275	30·77	– –
1890, .	3,852	18·48	5,746	27·58	4,984	23·92	6,256	30·02	– –
Av'ge,	3,715	20·01	4,789	25·82	4,276	23·05	5,771	31·12	18·551

TABLE 27. — *Ages at Marriage of 20,826 Men and of 20,820 Women in 1890.*

	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80.	Unknown.
Men, ...	376	7,516	6,852	2,885	1,316	698	438	306	176	126	80	41	14	2	12
Women, ...	3,286	9,334	4,881	1,599	840	420	215	124	65	36	17	3	–	–	18

Ages at Marriage of 18,077 Bachelors and of 19,069 Maids.

Bachelors, ...	375	7,477	6,549	2,410	796	284	99	48	22	10	3	3	1	–	8
Maids, ...	3,278	9,210	4,540	1,227	504	187	71	31	13	4	4	–	–	–	15

Ages at Marriage of 2,749 Widowers and of 1,750 Widows.

Widowers, ...	1	39	302	474	519	413	339	258	154	116	77	38	13	2	4
Widows, ...	8	122	341	372	335	232	144	93	52	32	13	3	–	–	3

The approximate average age of 20,826 men married in 1890 was . . . . . 28·77
" " " " of 20,820 women married in 1890 was . . . . . 25·51
" " " " of 18,077 men marrying for the first time in 1890 was . . . 27·18
" " " " of 19,069 women marrying for the first time in 1890 was . . 24·33

A summary statement of the number of persons married at different ages is presented in table 27. These are classified by sexes, and by their conjugal condition previous to marriage. The approximate average age of each class is also given upon the same page.

The number of men married under twenty years of age was 1·8 per cent. of the whole number of men married whose ages were known, which was ·2 of one per cent. less than the percentage of the same class in the previous year; and the number of women married who were under twenty was 15·8 per cent. of the whole number of women married whose ages were known, as compared with 15·6 per cent. in 1889, and 16·3 per cent. in 1888.

The number of men married who were between the ages of twenty and twenty-five was 36·1 per cent. of the whole number, and the number of women married at the same age was 44·9 per cent.; these ratios differing but little from those of 1889 for the same age.

The men who were married between the ages of twenty-five and thirty were 32·9 per cent., and the women were 23·5 per cent., of the whole number, as compared with 32·5 per cent. and 22·9 per cent. respectively in 1889.

Seven hundred and forty-five men and 245 women were married in 1890, after having attained the age of fifty years; 16 men and no women were over seventy-five years of age at the time of marriage, and 2 men were over 80.

In table 28 are presented the average ages at marriage of all persons of both sexes for a period of twenty years, and of persons married for the first time for the same period. The average age of each of these classes was lower by a small fraction of a year than those of the same classes in the previous year, except for the class of men marrying for the first time, which was slightly higher than the average for any previous year of the period.

The variations for the whole period of twenty years scarcely exceed one year between the maximum and minimum average ages.

TABLE 28.—*Average Ages at Marriage, 1871–1890.*

YEARS.	Average Age of all Bridegrooms.	Average Age of all Brides.	Average Age of Men Marrying for the First Time.	Average Age of Women Marrying for the First Time.
1871, . . .	28·6	24·6	26·3	23·5
1872, . . .	28·6	24·7	26·3	23·4
1873, . . .	28·7	24·8	26·3	23·5
1874, . . .	28·8	25·3	26·2	23·6
1875, . . .	28·9	25·0	26·3	23·6
1876, . . .	28·2	25·3	26·5	23·7
1877, . . .	28·2	25·2	26·4	23·8
1878, . . .	28·2	25·0	26·5	23·8
1879, . . .	28·2	25·2	26·7	23·9
1880, . . .	28·9	25·1	26·5	23·8
1881, . . .	23·8	25·1	26·5	23·9
1882, . . .	29·2	25·4	26·5	23·9
1883, . . .	28·8	25·3	26·6	23·4
1884, . . .	29·1	25·1	26·6	24·1
1885, . . .	29 2	25·3	26·8	24·2
1886, . . .	28·9	25·3	26·9	24·2
1887, . . .	29·0	25·5	26·8	24·4
1888, . . .	28·9	25·5	26·8	24·4
1889, . . .	29·1	25·8	26·9	24·5
1890, . . .	28·8	25·5	27·2	24·3

Table 29 presents the number of persons married in 1890 who were under twenty years of age. The total number of males was 376, and of females 3,285. One female was thirteen years of age at the time of marriage, 3 were fourteen years of age, and 31 were fifteen years of age. One male was sixteen years of age, and there were none under that age.

TABLE 29. — *Persons Married who were less than Twenty Years old.*

Ages.	Numbers.	
	Males.	Females.
13 years,	–	1
14 years,	–	3
15 years,	–	31
16 years,	1	175
17 years,	19	418
18 years,	90	1,157
19 years,	266	1,500
Totals,	376	3,285

TABLE 30. — *Conjugal Condition of Persons Married, 1890.*

MALES.	Whole No. of Marriages.	Females.					
		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Fifth Marriage.	Unknown.
Whole number,	20,838	19,084	1,662	84	6	–	2
First marriage,	18,086	17,258	795	30	2	–	1
Second marriage,	2,561	1,696	769	33	3	–	–
Third marriage,	227	120	88	18	1	–	–
Fourth marriage,	18	8	7	3	–	–	–
Fifth marriage,	3	2	1	–	–	–	–
Unknown,	3	–	2	–	–	–	1

In table 30 is given a statement of the number of persons who were married in 1890, with reference to their conjugal condition; by which it appears that 17,258 bachelors married maids and 827 married widows, 1,826 widowers married maids and 923 married widows.

The number of widowers who were married in 1890 was 2,749, and the number of widows 1,752.

TABLE 31. — *Percentages of First and Subsequent Marriages, 1871–1890.*

		First Marriage.	Second Marriage.	Third Marriage.	Fourth Marriage.	Fifth Marriage.	Sixth Marriage.	Not stated.
1871	Males,	84·21	14·14	1·39	·13	·01	–	·11
	Females,	89·37	10·07	·43	·01	–	–	·11
1872	Males,	84·96	13·39	1·46	·06	·01	–	·12
	Females,	89·15	10·27	·45	·01	–	–	·12
1873	Males,	84·48	14·08	1·23	·08	·01	·01	·11
	Females,	89·30	9·25	1·33	·01	–	–	·11
1874	Males,	83·88	14·46	1·47	·09	·01	–	·09
	Females,	89·22	10·18	·50	·01	–	–	·09
1875	Males,	83·03	14·90	1·75	·12	·05	–	·15
	Females,	88·66	10·48	·68	·03	–	–	·15
1876	Males,	82·28	15·92	1·55	·12	·02	–	·11
	Females,	88·06	11·28	·51	·03	·01	–	·11
1877	Males,	82·49	15·43	1·73	·17	·02	–	·16
	Females,	88·66	10·60	·55	·03	–	–	·16
1878	Males,	82·38	15·93	1·31	·14	·03	–	·21
	Females,	88·63	10·57	·56	·03	–	–	·21
1879	Males,	83·02	15·51	1·26	·10	·02	·01	·08
	Females,	89·62	9·78	·46	·06	–	–	·08
1880	Males,	84·44	14·07	1·25	·12	–	–	·11
	Females,	89·81	9·57	·47	·02	–	–	·12
1881	Males,	84·58	14·00	1·25	·10	·01	–	·06
	Females,	90·51	8·82	·57	·04	–	–	·06
1882	Males,	84·70	13·69	1·33	·16	·02	–	·10
	Females,	90·22	9·15	·48	·04	–	–	·10
1883	Males,	84·41	14·16	1·28	·10	·02	–	·01
	Females,	89·58	9·56	·50	·01	·005	–	·01
1884	Males,	84·88	13·79	1·16	·12	·005	–	·04
	Females,	90·14	9·39	·42	·01	–	–	·04
1885	Males,	85·01	13·52	1·32	·12	·01	–	·02
	Females,	90·30	9·18	·47	·03	–	–	·02
1886	Males,	85·78	12·92	1·14	·09	·02	–	·05
	Females,	90·83	8·69	·41	·005	–	–	·05
1887	Males,	85·60	13·17	1·11	·09	–	–	·03
	Females,	90·67	8·85	·44	·01	–	–	·03
1888	Males,	86·30	12·72	·90	·06	–	·005	·01
	Females	90·93	8·65	·38	·03	–	–	·01
1889	Males,	86·21	12·53	1·17	·08	·005	–	·01
	Females,	90·41	8·99	·57	·02	–	–	·01
1890	Males,	86·79	12·00	1·09	·09	·015	–	·015
	Females,	91·58	7·98	·40	·03	–	–	·01

In table 31 are presented the percentages of first and subsequent marriages for a period of twenty years, by which it appears that the percentage of first marriages in 1890 was 86·79 for men and 91·58 for women, which differed but little from the ratios of the same class for 1889. The ratios of marriages of widowers and widows also presented but slight variations from the figures of the preceding year.

TABLE 32. — *Marriages according to Nativity. — Percentages for Twenty Years.*

YEARS.	Both Parties Native Born.	Both Parties Foreign Born.	Native-born Groom and Foreign-born Bride.	Foreign-born Groom and Native-born Bride.	Not stated.
1871, ...	55·71	29·37	6·24	8·50	·18
1872, ...	53·89	30·76	6·85	8·42	·08
1873, ...	53·26	31·12	6·56	8·99	·07
1874, ...	53·64	29·29	6·88	9·08	·15
1875, ...	57·03	27·09	7·05	8·82	·01
1876, ...	58·43	25·52	7·55	8·32	·18
1877, ...	60·00	22·76	8·00	9·11	·13
1878, ...	61·38	21·52	8·34	8·64	·12
1879, ...	62·19	20·23	8·29	9·23	·06
1880, ...	60·15	21·77	8·97	9·09	·02
1881, ...	58·12	23·36	9·97	8·52	·03
1882, ...	55·74	25·56	9·86	8·81	·03
1883, ...	54·98	26·13	9·99	8·85	·05
1884, ...	52·89	27·37	10·84	8·88	·02
1885, ...	53·21	26·55	11·04	9·17	·03
1886, ...	51·46	27·90	11·18	9·43	·02
1887, ...	49·85	29·02	11·55	9·56	·02
1888, ...	48·03	30·61	11·64	9·67	·04
1889, ...	46·94	31·47	12·11	9·47	·01
1890, ...	46·11	31·50	11·97	10·35	·01

In table 32 are presented the percentages, for a period of twenty years, of marriages, with reference to the nativity of groom and bride. By this table it appears that there was *a decrease in* the percentage of the native-born from 1870

to 1873, an increase from 1873 to 1879, and then a decrease up to 1890. The percentages of the foreign-born, with a few exceptions, varied inversely as the former.

In the class of marriages of persons of mixed parentage there has been an increase with considerable uniformity in the whole period.

Similar contrasts are presented in table 33, in which all persons married are classified in two groups, with reference to their nativity.

TABLE 33.—*Proportion of Native to Foreign born Persons Married,* 1871–1890.*

YEARS.	Native-born.	Foreign-born.	YEARS.	Native-born.	Foreign-born.
1871, . .	63·19	36·81	1881, . .	67·38	32·62
1872, . .	61·57	38·43	1882, . .	65·10	34·90
1873, . .	61·08	38·92	1883, . .	64·43	35·57
1874, . .	62·67	37·33	1884, . .	62·76	37·24
1875, . .	64·96	35·04	1885, . .	63·34	36·66
1876, . .	66·49	33·51	1886, . .	62·65	37·35
1877, . .	68·64	31·36	1887, . .	60·41	39·58
1878, . .	69·95	30·05	1888, . .	59·70	40·30
1879, . .	70·99	29·01	1889, . .	59·06	40·94
1880, . .	69·19	30·81	1890, . .	58·11	41·89

* Percentages exclude marriages where the nativity was not recorded.

In table 34 are presented the percentages of native and foreign born persons married, by counties, for a period of ten years, wherein it appears that the counties in which occurred the greatest percentages of marriages of native birth in 1890 were Nantucket, Barnstable, Franklin and Dukes; and those in which the least percentage of such marriages occurred were Suffolk, Bristol, Middlesex and Hampden, in the order named.

TABLE 34. — *Percentages of Native and Foreign born Persons Married, by Counties, 1881–1890.*

YEARS.		STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1881	Native-born,	67·38	89·38	74·41	60·84	95·65	72·08	79·84	62·73	76·45	66·58	91·66	74·13	88·23	59·18	69·65
	Foreign-born,	32·62	10·62	25·58	39·16	4·35	27·92	20·16	37·27	23·55	33·42	8·34	25·87	11·77	40·82	30·35
1882	Native-born,	65·10	87·34	73·62	58·85	87·50	68·62	80·03	61·73	77·25	65·45	94·83	73·52	86·00	55·39	67·28
	Foreign-born,	34·92	12·66	26·38	41·15	12·50	31·38	19·97	38·27	22·75	34·55	5·17	26·48	14·00	44·61	32·72
1883	Native-born,	64·43	87·82	70·67	62·33	95·94	67·63	84·24	62·59	72·29	62·36	100·00	74·73	84·32	54·37	66·03
	Foreign-born,	35·57	12·18	29·33	37·67	4·06	32·37	15·76	37·41	27·71	37·64	–	25·27	15·64	45·63	33·97
1884	Native-born,	62·76	88·11	71·22	54·57	93·33	66·98	80·00	58·93	73·66	60·77	83·93	72·41	82·58	53·34	67·89
	Foreign-born,	37·24	11·89	28·78	45·43	6·67	33·02	20·00	41·07	26·34	39·23	16·07	27·59	17·42	46·66	32·11
1885	Native-born,	63·34	89·71	76·72	56·58	87·76	66·59	84·88	61·76	74·09	61·56	97·14	68·62	82·29	33·99	66·95
	Foreign-born,	36·66	10·29	23·28	43·42	12·24	33·41	15·12	38·24	25·91	38·44	2·86	31·38	17·71	46·01	33·05
1886	Native-born,	62·65	89·19	69·02	54·53	82·98	67·31	81·58	58·75	69·41	60·77	92·86	69·12	81·34	55·41	65·13
	Foreign-born,	37·35	10·81	30·98	45·47	17·02	32·69	18·42	41·25	30·59	39·23	7·14	30·88	18·66	44·59	34·87
1887	Native-born,	60·42	83·39	72·28	53·01	88·75	63·07	80·18	57·98	70·98	57·22	86·21	68·91	80·05	52·34	64·95
	Foreign-born,	39·58	16·61	27·72	46·99	11·25	36·93	19·82	42·02	29·02	42·78	13·79	31·09	19·95	47·66	35·05
1888	Native-born,	59·70	87·16	69·30	51·06	95·65	64·37	77·59	56·86	69·84	56·37	95·83	66·11	81·27	42·09	62·38
	Foreign-born,	40·30	12·84	30·70	48·94	4·35	35·63	22·41	43·14	30·16	42·63	4·17	33·89	18·73	47·91	37·62
1889	Native-born,	59·06	83·27	67·29	51·43	85·71	64·57	73·32	56·69	70·47	56·11	97·96	65·92	76·68	51·04	63·19
	Foreign-born,	40·94	16·73	32·71	48·57	14·29	35·43	26·68	43·31	29·53	43·89	2·04	34·08	23·32	48·96	36·81
1890	Native-born,	57·31	86·07	71·83	49·97	77·63	61·41	78·07	54·76	69·24	54·54	97·22	62·01	74·97	49·41	61·79
	Foreign-born,	42·69	13·93	28·17	50·03	22·37	38·59	21·93	45·24	30·76	45·46	2·78	37·99	25·03	50·59	38·21

DIVORCES.

The statute causes for which divorce from the bonds of matrimony may be granted in Massachusetts are as follows: —

1. Adultery.
2. Impotency.
3. Sentence to imprisonment at hard labor for five years or more.
4. Desertion for three consecutive years next prior to the filing of the libel.
5. Separation without consent, refusal to cohabit, and union for three years with a religious sect or society holding the relation of husband and wife unlawful.
6. Extreme cruelty.
7. Gross and confirmed habits of intoxication.
8. Cruel and abusive treatment.
9. Neglect to provide.
10. Gross and confirmed drunkenness from opium or other drugs.

Of these causes, the one relating to union with a religious sect holding the relation of husband and wife unlawful is practically inoperative, since no divorces have been granted upon this ground for the past twenty-three years at least.

A marriage may be annulled, and declared void, as provided by the statutes, in consequence of violation of the provisions of the laws concerning marriage. (Pub. Stats., chap. 145, sect. 11.)

On pages 257 to 270 may be found the statistics relating to divorces in Massachusetts for the period of twenty years ending with 1890.

The number for each county is specified for each year of the period, the sexes in favor of which they were granted, and the causes for which they were granted.

During the entire period of twenty years embraced in the tables 11,415 divorces were granted, which was 275 more than were granted in the twenty years ending with 1889.

Sex. — Of the whole number, 7,891, or 69·13 per cent., were granted on complaint of the wife.

Of the divorces granted on account of adultery, 1,520, or 52·2 per cent., were decreed to the wife; of those on account of desertion 63·3 per cent.; of those on account of intoxication 88·7 per cent.; of those on account of extreme cruelty 99·3; of those on account of cruel and abusive treatment 98·4 per cent.; and of those on account of non-support 100 per cent.

Causes. — Of the whole number of divorces granted in the period of twenty years ending with 1890, 2,913, or 25·5 per cent., were granted on account of adultery; 5,280, or 46·3 per cent., on account of desertion; 1,430, or 12·5 per cent., on account of intoxication; 601, or 5·3 per cent., on account of extreme cruelty; 861, or 7·5 per cent., on account of cruel and abusive treatment; and 234, or 2·1 per cent., on account of non-support.

Counties. — The greatest number of divorces granted in any county, during the twenty years, was granted in Suffolk, or 26·1 per cent. of the whole number; Essex had 15·3 per cent., Middlesex 14·8 and Worcester 12·5 per cent. of the whole number.

The counties having the smallest number were Dukes and Nantucket, ·47 per cent.; Barnstable, 1·9 per cent.; Franklin, 1·7 per cent., and Hampshire, 1·8 per cent.

This method of expression, however, has but little meaning. A much better mode is that of comparing the number of divorces in each county with the number of marriages in the same county, for a similar period of time. The percentages obtained by this mode may be found on later pages.

The percentages of divorces granted on account of adultery, as compared with the total number decreed in each county, was as follows, for the twenty years ending with 1890, beginning with the county having the highest percentages: —

Franklin,	36·9	Norfolk,	24·0
Berkshire,	28·2	Worcester,	23·9
Bristol,	27·4	Hampshire,	23·0
Middlesex,	26·8	Hampden,	21·8
Barnstable,	26·4	Plymouth,	18·1
Suffolk,	26·2	Dukes and Nantucket,	12·9
Essex,	25·6		

For desertion the percentages were as follows: —

Barnstable,	60·4	Middlesex,	45·8
Dukes and Nantucket,	55·6	Hampden,	45·4
Plymouth,	55·0	Bristol,	44·5
Norfolk,	52·3	Franklin,	44·3
Hampshire,	48·0	Suffolk,	43·4
Essex,	47·9	Berkshire,	43·3
Worcester,	47·1		

For intoxication the percentages were as follows: —

Hampden,	15·8	Dukes and Nantucket,	9·3
Suffolk,	14·9	Berkshire,	8·9
Essex,	12·8	Plymouth,	8·8
Middlesex,	12·2	Hampshire,	7·5
Worcester,	12·0	Franklin,	5·7
Bristol,	11·2	Barnstable,	2·8
Norfolk,	10·7		

For extreme cruelty, the highest ratios, as compared with the total number granted in each county for the period of twenty years, were found in Dukes and Nantucket, 9·3; in Barnstable, 8·5; and in Berkshire, 7·8; and the lowest, in Franklin, 4·2; in Norfolk, 3·2, and in Plymouth, 3·1 per cent.

In table 35 are presented the ratios of divorces to marriages in each year, for the period of twenty years ending with 1890. The ratio for the entire period was one to 28·9. The highest ratio was one to 21·4 in 1878, and the lowest one to 48·4 in 1871.

For the year 1890, it was one to 31·9, which was lower than the average of the whole period.

The average marriage-rate for the twenty years (1871–1890) was 18·12 per 1,000 of the population. For the ten years (1871–1880) it was 17·58, and for the following decade (1881–1890) it was 18·56, an *increase of* ·98 per 1,000 of the population.

Comparing the same periods with reference to the ratio of divorces to marriages, it appears that there was a slight decrease from one in 28·2 in the former period to one in 29·6 in the latter.

TABLE 35. — *Ratio of Divorces to Marriages. — Twenty Years.*

YEARS.	Number of Marriages.	Marriage-rates per 1,000.	Number of Divorces.	Ratio of Divorces to Marriages.
1871, ...	15,746	*21·04	325	1 to 48·4
1872, ...	16,142	*21·02	343	1 to 47·1
1873, ...	16,437	*20·88	449	1 to 36·6
1874, ...	15,564	*19·30	647	1 to 24·1
1875, ...	13,663	16·54	577	1 to 23·6
1876, ...	12,749	*15·18	525	1 to 24·2
1877, ...	12,758	*14·96	553	1 to 23·1
1878, ...	12,893	*14·90	600	1 to 21·4
1879, ...	13,802	*15·70	546	1 to 23·4
1880, ...	15,538	17·42	580	1 to 26·8
1881, ...	16,768	*18·48	409	1 to 40·9
1882, ...	17,684	*19·12	515	1 to 34·3
1883, ...	18,194	*19·36	655	1 to 27·8
1884, ...	17,333	*18·12	614	1 to 28·2
1885, ...	17,052	17·56	646	1 to 26·4
1886, ...	18,018	*18·00	601	1 to 30·0
1887, ...	19,533	*18·96	796	1 to 24·5
1888, ...	19,739	*18·62	624	1 to 30·6
1889, ...	20,397	18·72	756	1 to 26·9
1890, ...	20,838	18·62	654	1 to 31·9
Totals and averages,	330,848	*18·12	11,415	1 to 28·9

* Estimated.

In table 36 is presented the ratio of divorces to marriages in each county for a period of twenty years. The best record is that of Norfolk County, one to 48·1. The next in order are Hampshire, Middlesex and Plymouth, which present, respectively, ratios of one to 37·5, one to 35·1 and one to 30·3. The highest ratios are those presented by Dukes and Nantucket counties, Berkshire and Hampden, one to 23·5, one to 24·3 and one to 24·7.

TABLE 36. — *Ratio of Total Number of Divorces to Total Number of Marriages, by Counties. — Twenty Years.*

COUNTIES.	Number of Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.
Barnstable,	5,300	212	1 to 25·0
Berkshire,	10,574	436	1 to 24·3
Bristol,	27,561	937	1 to 29·4
Dukes and Nantucket,	1,271	54	1 to 23·5
Essex,	46,068	1,743	1 to 26·5
Franklin,	5,632	192	1 to 29·3
Hampden,	20,115	815	1 to 24·7
Hampshire,	7,491	200	1 to 37·5
Middlesex,	59,219	1,686	1 to 35·1
Norfolk,	14,801	308	1 to 48·1
Plymouth,	12,708	420	1 to 30·3
Suffolk,	81,242	2,985	1 to 27·2
Worcester,	38,988	1,427	1 to 27·3
The State,	330,848	11,415	1 to 28·9

In table 53 the divorces for twenty years are presented by counties and by causes, the ratio of the number from each cause being given, as compared with the total number of marriages in each county for the same period.

By this classification it appears that the relative rank of the counties was as follows, the counties having the least number of cases from the specified causes being at the top of each column, and those having the greatest number at the bottom: —

	Adultery.	Desertion.	Intoxication.	Extreme Cruelty.	All Other Causes.
1.	Norfolk.	Norfolk.	Barnstable.	Norfolk.	Barnstable.
2.	Dukes and Nantucket.	Hampshire.	Franklin.	Plymouth.	Norfolk.
3.	Hampshire.	Middlesex.	Hampshire.	Hampshire.	Essex.
4.	Plymouth.	Franklin.	Norfolk.	Franklin.	Middlesex.
5.	Middlesex.	Bristol.	Plymouth.	Middlesex.	Franklin.
6.	Worcester.	Suffolk.	Middlesex.	Suffolk.	Bristol.
7.	Hampden.	Worcester.	Berkshire.	Worcester.	Suffolk.
8.	Bristol.	Berkshire.	Bristol.	Hampden.	Worcester.
9.	Suffolk.	Essex.	Dukes and Nantucket.	Bristol.	Hampden.
10.	Essex.	Plymouth.	Worcester.	Essex.	Hampshire.
11.	Barnstable.	Hampden.	Essex.	Berkshire.	Berkshire.
12.	Berkshire.	Dukes and Nantucket.	Suffolk.	Barnstable.	Plymouth.
13.	Franklin.	Barnstable.	Hampden.	Dukes and Nantucket.	Dukes and Nantucket.

In tables 54 and 55 are presented the statistics relative to divorces in Massachusetts for the year 1890. The whole number granted during the year was 654, which was 102 less than the number granted in 1889, and 30 more than those of 1888. It was also greater by 83 than the average of the 20 years, 1871–1890. Of the whole number granted in 1890, 136, or 20·8 per cent., were granted on account of adultery, as compared with 19·3 per cent. in 1889, 20·1 per cent. in 1888, and 25·5 per cent. for the period of twenty years (1871–1890).

The percentage for desertion in 1890 was 51·2, as compared with 50·0 in 1889, 48·7 in 1888, and 46·3 for the whole period of twenty years.

For intoxication, the percentage in 1890 was 13·5, as compared with 13·4 in 1889, 14·2 in 1888, and 12·5 per cent. as the annual average of the twenty-year period.

For extreme cruelty, the percentage was 2·6, as compared with 4·8 in 1889, and 5·3 for the whole period of twenty years.

For cruel and abusive treatment, the percentage was 8·6, as compared with 7·5 as the annual average of the twenty-year period, and for neglect or refusal to provide support it was 1·7, as compared with 2·1 or the annual average.

These ratios are, as compared with the annual averages for twenty years: for adultery, 4·7 per cent. lower; for desertion, 4·9 per cent. higher; for intoxication, 1·0 higher; for extreme cruelty, 2·7 lower; and for cruel and abusive treatment, 1·1 higher.

Of the whole number, 434, or 66·3 per cent., were granted on complaint of the wife, as compared with 65·9 per cent. in 1889, 69·2 per cent. in 1888, and 69·1 per cent. for the period of twenty years (1871–1890).

Of the divorces decreed on account of adultery, 50·7 were granted to women, as compared with 46·6 in 1889, and 43·7 in 1888.

Of those which were granted on account of desertion, 59·4 per cent. were granted to women, as compared with 57·2 in 1889.

Of those granted on account of intoxication, 84·1 per cent. were granted to women, as compared with 88·1 in 1889.

All of the divorces on account of extreme cruelty and all of those decreed on account of cruel and abusive treatment, were *granted to* women.

TABLE 37. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

THE STATE.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871,	64	100	164	59	82	141	-	1	1	-	4	4	-	4	4	-	7	7	-	1	1	1	2	3	124	201	325
1872,	73	94	167	46	105	151	-	3	3	-	13	13	-	3	3	-	3	3	-	2	2	-	1	1	119	224	342
1873,	72	108	180	64	128	192	6	27	33	-	23	23	-	8	8	-	6	6	-	7	7	-	-	-	142	307	449
1874,	83	91	174	97	187	284	8	65	73	-	56	56	-	27	27	-	32	32	-	2	2	-	-	-	187	460	647
1875,	68	64	132	131	123	254	9	82	91	-	46	46	-	35	35	-	14	14	-	3	3	1	1	2	209	368	577
1876,	46	71	117	78	139	217	4	86	90	-	45	45	-	36	36	-	18	18	-	2	2	-	-	-	128	397	525
1877,	64	79	143	70	144	214	3	71	74	-	59	59	-	54	54	-	7	7	-	2	2	-	-	-	137	416	553
1878,	77	71	148	100	150	250	5	81	86	-	43	43	-	53	53	-	11	11	-	7	7	-	2	2	182	418	600
1879,	62	69	131	87	177	264	8	59	67	-	29	29	-	41	41	-	12	12	-	2	2	-	-	-	157	389	546
1880,	78	75	153	86	178	264	10	52	62	-	30	30	-	59	59	-	7	7	1	2	3	2	-	2	177	403	580
1881,	47	57	104	73	124	197	9	33	42	-	16	16	-	36	36	-	12	12	-	2	2	-	-	-	129	280	409
1882,	50	67	117	75	183	258	5	68	73	-	28	28	-	24	24	-	12	12	-	3	3	-	-	-	130	385	515
1883,	86	71	157	98	223	321	9	74	83	-	29	29	-	50	50	-	13	13	-	1	1	1	-	1	194	461	655
1884,	81	82	163	110	168	278	11	68	79	-	22	22	1	57	58	-	9	9	1	3	4	-	1	1	204	410	614
1885,	81	70	151	117	189	306	10	76	86	3	32	35	2	53	55	-	5	5	-	5	5	1	2	3	214	432	646
1886,	58	67	125	107	168	275	14	84	98	-	32	32	1	61	62	-	7	7	-	1	1	-	-	-	180	421	601
1887,	87	92	179	138	259	397	12	99	111	1	15	16	3	69	72	-	16	16	-	5	5	-	-	-	241	555	796
1888,	71	55	126	105	199	304	12	77	89	-	22	22	3	56	59	-	12	12	-	5	5	-	3	3	192	432	*624
1889,	78	68	146	162	216	378	12	89	101	1	35	36	3	66	69	-	20	20	-	-	-	-	2	2	258	498	†756
1890,	67	69	136	136	199	335	14	74	88	-	17	17	-	56	56	-	11	11	-	3	3	-	1	1	220	434	‡654
Totals,	1,393	1,520	2,913	1,939	3,341	5,280	161	1,269	1,430	5	596	601	13	848	861	-	234	234	2	58	60	6	15	21	3,524	7,891	11,415

* One male, 3 females, nullity of marriage. † Two males, 2 females, nullity of marriage. ‡ Three males, 4 females, nullity of marriage.

TABLE 38. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

BARNSTABLE COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871,	–	1	1	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	2	2	4
1872,	4	–	4	–	4	4	–	–	–	–	–	–	–	–	–	–	–	–	4	4	8
1873,	–	2	2	2	5	7	–	–	–	–	–	–	–	–	–	–	–	–	2	7	9
1874,	3	3	6	3	13	16	–	–	–	–	–	–	–	–	–	–	–	–	6	16	22
1875,	–	–	–	1	2	3	–	–	–	–	1	1	–	–	–	–	–	–	1	3	4
1876,	3	4	7	1	8	9	–	–	–	–	–	–	–	–	–	–	–	–	4	12	16
1877,	–	2	2	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–	1	4	5
1878,	–	2	2	2	3	7	–	–	–	–	2	2	–	–	–	–	–	–	4	7	11
1879,	1	2	3	3	10	12	–	–	–	–	–	–	–	–	–	–	–	–	3	12	15
1880,	3	–	3	3	3	6	–	–	–	–	–	–	–	–	–	–	–	–	6	3	9
1881,	2	2	4	1	4	5	–	–	–	–	1	1	–	–	–	–	–	–	3	7	10
1882,	–	1	1	–	4	4	–	–	–	–	2	2	–	–	–	–	–	–	–	7	7
1883,	–	–	–	2	5	7	–	1	1	–	3	3	–	–	–	–	–	–	2	9	11
1884,	2	–	2	3	3	6	–	–	–	–	2	2	–	–	–	–	–	–	5	5	10
1885,	2	2	4	–	9	9	–	–	–	–	–	–	–	–	–	–	–	–	2	11	13
1886,	2	2	4	1	4	5	–	2	2	–	2	2	–	–	–	–	–	–	3	10	13
1887,	1	–	1	2	1	3	–	–	–	–	2	2	–	–	–	–	–	–	3	3	6
1888,	2	1	3	1	3	4	–	1	1	–	1	1	–	–	–	–	1	1	3	7	10
1889,	2	1	3	6	5	11	–	–	–	–	–	–	–	–	–	–	1	1	8	8	16
1890,	2	2	4	3	1	4	–	2	2	–	2	2	–	1	1	–	1	1	5	8	13
Totals,	29	27	56	38	90	128	–	6	6	–	18	18	–	1	1	–	3	3	67	145	212

Table 39. — *Divorces Granted, by Years and Statute Causes.* — *Twenty Years.*

BERKSHIRE COUNTY.

Years.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871, . .	1	6	7	1	1	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	8	10
1872, . .	1	9	10	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	11	15
1873, . .	1	6	7	6	6	12	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	7	13	20
1874, . .	2	6	8	2	9	11	-	2	2	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	4	19	23
1875, . .	3	3	6	4	3	7	-	3	3	-	5	5	-	-	-	-	-	-	-	1	1	-	-	-	7	15	22
1876, . .	2	3	5	2	3	5	-	-	-	-	-	-	-	3	3	-	4	4	-	-	-	-	-	-	4	13	17
1877, . .	3	3	6	-	6	6	-	5	5	-	4	4	-	-	-	-	1	1	-	-	-	-	-	-	3	19	22
1878, . .	-	1	1	1	6	7	-	1	1	-	1	1	-	1	1	-	1	1	-	-	-	-	-	-	1	11	12
1879, . .	1	3	4	3	5	8	-	-	-	-	1	1	-	3	3	-	-	-	-	-	-	-	-	-	4	12	16
1880, . .	8	3	11	3	11	14	1	-	1	-	4	4	-	4	4	-	-	-	1	-	1	-	-	-	13	22	35
1881, . .	6	2	8	3	9	12	-	1	1	-	2	2	-	1	1	-	-	-	-	2	2	-	-	-	9	17	26
1882, . .	2	4	6	2	11	13	-	3	3	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	4	20	24
1883, . .	3	7	10	3	10	13	-	3	3	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	6	24	30
1884, . .	-	2	2	4	5	9	-	2	2	-	1	1	-	3	3	-	1	1	-	1	1	-	-	-	4	15	19
1885, . .	1	3	4	7	4	11	-	2	2	1	3	4	-	1	1	-	-	-	-	-	-	-	1	1	9	14	23
1886, . .	-	1	1	4	7	11	1	2	3	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	5	11	16
1887, . .	5	9	14	2	13	15	-	3	3	1	-	1	-	5	5	-	-	-	-	-	-	-	-	-	8	30	38
1888, . .	1	4	5	1	4	5	-	3	3	-	1	1	1	3	4	-	2	2	-	-	-	-	1	1	3	18	21
1889, . .	3	1	4	3	6	9	-	2	2	-	3	3	-	1	1	-	-	-	-	-	-	-	-	-	6	13	19
1890, . .	-	4	4	10	4	14	-	5	5	-	1	1	-	3	3	-	1	1	-	-	-	-	-	-	10	18	28
Totals, .	43	80	123	84	125	189	2	37	39	2	32	34	1	30	31	-	12	12	1	5	6	-	2	2	113	323	436

TABLE 40. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

BRISTOL COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871, . .	3	6	9	5	4	9	-	1	1	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	8	13	21
1872, . .	8	6	14	2	6	8	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	10	13	23
1873, . .	5	7	12	6	10	16	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	11	19	20
1874, . .	-	4	4	7	18	25	-	5	5	-	5	5	-	1	1	-	2	2	-	-	-	-	-	-	7	35	42
1875, . .	9	8	17	8	11	19	-	3	3	-	6	6	-	-	-	-	2	2	-	-	-	-	-	-	17	30	47
1876, . .	6	5	11	7	10	17	-	3	3	-	2	2	-	3	3	-	2	2	-	-	-	-	-	-	13	25	38
1877, . .	3	5	8	11	14	25	-	5	5	-	7	7	-	9	9	-	-	-	-	-	-	-	-	-	14	40	54
1878, . .	7	7	14	5	8	13	-	4	4	-	5	5	-	5	5	-	2	2	-	-	-	-	1	1	12	32	44
1879, . .	11	5	16	6	9	15	-	3	3	-	3	3	-	3	3	-	-	-	-	-	-	-	-	-	17	23	40
1880, . .	7	-	7	5	8	13	1	2	3	-	2	2	-	2	2	-	-	-	-	-	-	-	-	-	13	14	27
1881, . .	6	12	18	13	17	30	2	1	3	-	1	1	-	6	6	-	4	4	-	-	-	-	-	-	21	41	62
1882, . .	6	9	15	10	13	23	-	8	8	-	4	4	-	3	3	-	1	1	-	1	1	-	-	-	16	39	55
1883, . .	11	5	16	9	28	37	2	10	12	-	5	5	-	3	3	-	3	3	-	-	-	-	-	-	22	54	76
1884, . .	5	5	10	8	11	19	2	7	9	-	4	4	-	2	2	-	-	-	-	1	1	-	-	-	15	30	45
1885, . .	8	5	13	13	12	25	-	6	6	-	-	-	1	4	5	-	-	-	-	1	1	-	1	1	22	29	51
1886, . .	4	12	16	4	14	18	2	8	10	-	4	4	-	9	9	-	1	1	-	-	-	-	-	-	10	48	58
1887, . .	5	9	14	12	17	29	1	8	9	-	-	-	-	8	8	-	2	2	-	-	-	-	-	-	18	44	62
1888, . .	8	3	11	10	17	27	2	5	7	-	3	3	-	6	6	-	1	1	-	-	-	-	1	1	20	36	56
1889, . .	9	5	14	14	12	26	-	8	8	-	5	-	-	3	3	-	-	-	-	-	-	-	-	-	23	33	56
1890, . .	4	14	18	11	12	23	1	5	6	-	-	-	-	2	2	-	1	1	-	-	-	-	-	-	16	34	50
Totals, .	125	132	257	166	251	417	13	92	105	-	59	59	1	70	71	-	22	22	-	3	3	-	3	3	305	632	937

TABLE 41. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

DUKES AND NANTUCKET COUNTIES.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871, . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1872, . .	1	-	1	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	3	1	4
1873, . .	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1874, . .	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
1875, . .	1	-	1	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	3	2	5
1876, . .	-	1	1	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	3	3
1877, . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1878, . .	1	-	1	-	-	-	-	1	1	-	1	1	-	1	1	-	-	-	1	3	4
1879, . .	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1	-	2	2
1880, . .	1	-	1	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3
1881, . .	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1
1882, . .	-	-	-	1	2	3	-	1	1	-	1	1	-	-	-	-	-	-	1	4	5
1883, . .	1	-	1	2	1	3	-	-	-	-	1	1	-	-	-	-	1	1	3	3	6
1884, . .	1	-	1	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	2	1	3
1885, . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1886, . .	-	-	-	-	4	4	-	-	-	-	-	-	-	1	1	-	-	-	-	5	5
1887, . .	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	2	2
1888, . .	-	-	-	-	2	2	-	-	-	-	-	-	-	1	1	-	-	-	-	3	3
1889, . .	-	-	-	1	1	2	-	-	-	-	-	-	1	-	1	-	-	-	2	1	3
1890, . .	-	-	-	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-	1	1	2
Totals,	6	1	7	10	20	30	1	4	5	-	5	5	1	4	5	-	2	2	18	36	54

TABLE 42. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

ESSEX COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871,	12	20	32	9	17	26	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1	22	38	60
1872,	14	12	26	2	17	19	-	1	1	-	2	2	-	1	1	-	1	1	-	1	1	-	1	1	16	36	52
1873,	9	17	26	11	21	32	-	9	9	-	8	8	-	1	1	-	1	1	-	-	-	-	-	-	20	57	77
1874,	10	8	18	19	26	45	-	12	12	-	11	11	-	-	-	-	3	3	-	-	-	-	-	-	29	60	89
1875,	15	10	25	21	19	40	-	19	19	-	3	3	-	-	-	-	1	1	-	-	-	-	-	-	36	52	88
1876,	7	9	16	14	22	36	-	23	23	-	8	8	-	1	1	-	-	-	-	-	-	-	-	-	21	63	84
1877,	16	8	24	16	25	41	-	7	7	-	16	16	-	2	2	-	2	2	-	-	-	-	-	-	22	60	92
1878,	8	8	16	16	18	34	-	19	19	-	7	7	-	7	7	-	2	2	-	-	-	-	-	-	24	61	85
1879,	11	10	21	11	26	37	-	6	6	-	7	7	-	7	7	-	3	3	-	-	-	-	-	-	22	59	81
1880,	16	10	26	10	35	45	1	8	9	-	11	11	-	6	6	-	1	1	-	-	-	-	-	-	27	71	98
1881,	8	8	16	19	18	37	1	6	7	-	2	2	-	6	6	-	1	1	-	-	-	-	-	-	28	41	69
1882,	4	11	15	9	40	49	1	11	12	-	2	2	-	6	6	-	2	2	-	1	1	-	-	-	14	73	87
1883,	11	11	22	12	34	46	-	12	12	-	3	3	-	4	4	-	1	1	-	-	-	-	-	-	23	65	88
1884,	15	14	29	15	21	36	-	9	9	-	4	4	-	6	6	-	-	-	1	-	1	-	-	-	31	54	85
1885,	6	7	13	15	25	40	2	11	13	-	2	2	-	4	4	-	2	2	-	-	-	-	-	-	23	51	74
1886,	3	7	10	8	6	14	1	8	9	-	8	8	-	5	5	-	1	1	-	-	-	-	-	-	12	35	47
1887,	14	13	27	20	47	67	5	17	22	-	3	3	-	14	14	-	2	2	-	1	1	-	-	-	39	97	136
1888,	9	17	26	19	43	62	1	7	8	-	1	1	-	6	6	-	-	-	-	-	-	-	-	-	29	74	103
1889,	19	15	34	29	41	70	-	9	9	-	4	4	1	12	13	-	3	3	-	-	-	-	-	-	49	84	133
1890,	12	13	25	24	35	59	5	12	17	-	4	4	-	9	9	-	1	1	-	-	-	-	-	-	41	74	115
Totals,	219	228	447	299	536	835	17	206	223	-	106	106	1	97	98	-	28	28	1	3	4	1	1	2	538	1,205	1,743

TABLE 43. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

FRANKLIN COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Imprisonment.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871, . .	7	1	8	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	8	4	12
1872, . .	1	3	4	1	5	6	-	-	-	-	-	-	-	-	-	-	-	-	2	8	10
1873, . .	-	2	2	1	2	3	-	1	1	-	-	-	-	-	-	-	2	2	1	7	8
1874, . .	2	2	4	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	3	3	6
1875, . .	1	-	1	3	-	3	-	1	1	-	-	-	-	1	1	-	-	-	4	2	6
1876, . .	-	1	1	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	1	4	5
1877, . .	1	3	4	-	3	3	-	-	-	-	1	1	-	-	-	-	-	-	1	7	8
1878, . .	2	3	5	1	3	4	-	-	-	-	-	-	-	-	-	-	1	1	3	7	10
1879, . .	1	3	4	2	5	7	-	1	1	-	1	1	-	-	-	-	-	-	3	10	13
1880, . .	2	2	4	4	3	7	-	-	-	-	-	-	-	-	-	-	-	-	6	5	11
1881, . .	3	7	10	-	-	-	-	-	-	-	2	2	-	2	2	-	-	-	3	11	14
1882, . .	-	-	-	4	3	7	-	-	-	-	-	-	-	1	1	-	-	-	4	4	8
1883, . .	2	-	2	1	5	6	-	2	2	-	-	-	-	2	2	-	-	-	3	9	12
1884, . .	4	2	6	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	7	3	10
1885, . .	2	3	5	4	1	5	-	1	1	-	-	-	-	1	1	-	-	-	6	6	12
1886, . .	-	-	-	1	4	5	-	-	-	-	-	-	-	1	1	-	-	-	1	5	6
1887, . .	1	3	4	3	3	6	-	3	3	-	1	1	-	1	1	-	-	-	4	12	*16
1888, . .	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
1889, . .	-	3	3	3	3	6	-	-	-	-	3	3	-	2	2	-	-	-	3	11	14
1890, . .	2	2	4	-	1	1	-	2	2	-	-	-	-	-	-	-	1	1	2	7	†9
Totals,	31	40	71	35	50	85	-	11	11	-	8	8	-	11	11	-	4	4	66	126	192

* 1887, neglect to provide, 1 female.

† 1890, neglect to provide, 1 female.

TABLE 44. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

HAMPDEN COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871,	-	5	5	2	8	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	13	15
1872,	-	6	6	2	-	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	2	7	9
1873,	1	10	11	1	4	5	-	1	1	-	1	1	-	1	1	-	-	-	-	-	-	2	17	19
1874,	7	6	13	9	14	23	-	4	4	-	4	4	-	2	2	-	1	1	-	-	-	16	31	47
1875,	6	5	11	6	10	16	-	9	9	-	2	2	-	1	1	-	1	1	-	-	-	12	28	40
1876,	3	5	8	4	7	11	-	9	9	-	1	1	-	1	1	-	1	1	-	-	-	7	24	31
1877,	5	6	11	2	7	9	-	6	6	-	1	1	-	8	8	-	1	1	-	-	-	7	29	36
1878,	8	5	13	6	14	20	-	9	9	-	4	4	-	5	5	-	2	2	-	-	-	14	39	53
1879,	3	5	8	9	10	19	-	7	7	-	4	4	-	-	-	-	2	2	-	1	1	12	29	41
1880,	5	4	9	6	9	15	-	5	5	-	7	7	-	3	3	-	2	2	-	-	-	11	30	41
1881,	-	2	2	1	3	4	-	1	1	-	2	2	-	1	1	-	2	2	-	-	-	1	11	12
1882,	9	6	15	4	7	11	-	7	7	-	3	3	-	-	-	-	1	1	-	-	-	13	24	37
1883,	9	4	13	13	20	33	2	3	5	-	-	-	-	7	7	-	2	2	-	-	-	24	36	60
1884,	7	5	12	12	20	32	1	9	10	-	1	1	-	4	4	-	2	2	-	-	-	20	41	61
1885,	6	7	13	12	20	32	-	8	8	1	1	2	1	10	11	-	2	2	-	-	-	20	48	68
1886,	4	4	8	10	9	19	-	13	13	-	2	2	-	5	5	-	-	-	-	-	-	14	33	47
1887,	2	2	4	13	21	34	-	7	7	-	-	-	-	4	4	-	1	1	-	-	-	15	35	50
1888,	5	2	7	8	17	25	1	9	10	-	2	2	-	5	5	-	-	-	-	1	1	14	36	58
1889,	3	-	3	11	8	19	-	13	13	-	5	5	1	6	7	-	2	2	-	-	-	15	34	49
1890,	4	2	6	10	21	31	-	5	5	-	1	1	-	6	6	-	-	-	-	-	-	14	35	49
Totals,	87	91	178	141	229	370	4	125	129	1	42	43	2	69	71	-	22	22	-	-	-	235	580	815

Table 45. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

HAMPSHIRE COUNTY.

Years.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871,	2	4	6	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	10
1872,	1	5	6	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	7	8
1873,	2	-	2	2	-	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	4	1	5
1874,	-	-	-	6	2	8	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-	6	4	10
1875,	1	3	4	5	-	5	-	1	1	-	2	2	-	2	2	-	-	-	-	-	-	6	8	14
1876,	-	2	2	4	3	7	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	4	7	11
1877,	2	-	2	4	2	6	-	1	1	-	-	-	-	2	2	-	-	-	-	-	-	6	5	11
1878,	4	3	7	6	7	13	-	2	2	-	2	2	-	1	1	-	-	-	-	-	-	10	15	25
1879,	-	-	-	4	4	8	1	-	1	-	-	-	-	3	3	-	-	-	-	-	-	5	7	12
1880,	1	2	3	-	2	2	-	2	2	-	-	-	-	3	3	-	1	1	-	-	-	1	10	11
1881,	-	-	-	3	3	6	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	3	4	7
1882,	1	1	2	1	1	2	2	-	2	-	2	2	-	-	-	-	-	-	-	-	-	4	4	8
1883,	2	-	2	2	7	9	-	-	-	-	-	-	-	2	2	-	1	1	-	-	-	4	10	14
1884,	-	2	2	-	5	5	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	9	9
1885,	2	1	3	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1	2	4	6
1886,	1	-	1	-	3	3	-	1	1	-	-	-	-	2	2	-	-	-	-	-	-	1	6	7
1887,	1	-	1	5	-	5	1	1	2	-	-	-	1	-	1	-	-	-	-	-	-	8	1	9
1888,	-	-	-	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	4	5
1889,	-	-	-	1	1	2	-	3	3	-	-	-	-	3	3	-	1	1	-	-	-	1	8	9
1890,	-	1	1	1	3	4	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	1	8	9
Totals,	20	24	44	48	48	96	4	11	15	-	9	9	1	27	28	-	5	5	-	3	3	73	127	200

TABLE 46. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

MIDDLESEX COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871, . .	3	15	18	5	12	17	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	8	29	37
1872, . .	7	25	32	12	15	27	-	-	-	-	4	4	-	-	-	-	-	-	-	1	1	-	-	-	19	45	64
1873, . .	17	24	41	11	25	36	-	12	12	-	6	6	-	1	1	-	2	2	-	1	1	-	-	-	28	71	99
1874, . .	17	21	38	19	26	45	2	15	17	-	5	5	-	15	15	-	5	5	-	-	-	-	-	-	38	87	125
1875, . .	8	9	17	21	17	38	2	15	17	-	8	8	-	9	9	-	1	1	-	-	-	-	-	-	31	59	90
1876, . .	11	10	21	5	29	34	1	9	10	-	11	11	-	6	6	-	3	3	-	1	1	-	-	-	17	69	86
1877, . .	14	20	34	15	15	30	-	13	13	-	10	10	-	5	5	-	-	-	-	-	-	-	-	-	29	63	92
1878, . .	11	11	22	17	20	37	-	10	10	-	7	7	-	10	10	-	1	1	-	2	2	-	1	1	28	62	90
1879, . .	8	10	18	10	34	44	1	10	11	-	-	-	-	11	11	-	1	1	-	-	-	-	-	-	19	66	85
1880, . .	5	11	16	13	27	40	1	8	9	-	-	-	-	10	10	-	1	1	-	-	-	-	-	-	19	57	76
1881, . .	10	11	21	15	23	38	-	6	6	-	-	-	-	10	10	-	4	4	-	-	-	-	-	-	25	54	79
1882, . .	6	12	18	14	18	32	1	6	7	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	21	38	59
1883, . .	6	11	17	12	31	43	-	8	8	-	2	2	-	7	7	-	1	1	-	-	-	-	-	-	18	60	78
1884, . .	15	12	27	14	28	42	1	13	14	-	4	4	-	11	11	-	1	1	-	-	-	-	1	1	30	70	100
1885, . .	9	13	22	22	25	47	2	7	9	-	12	12	-	-	-	-	-	-	-	1	1	1	-	1	34	58	92
1886, . .	16	13	29	17	23	40	3	11	14	-	3	3	-	9	9	-	-	-	-	-	-	-	-	-	36	59	95
1887, . .	7	9	16	17	36	53	-	15	15	-	-	-	-	10	10	-	3	3	-	-	-	-	-	-	24	73	97
1888, . .	6	3	9	20	25	45	3	9	12	-	3	3	-	7	7	-	4	4	-	1	1	-	-	-	29	52	91
1889, . .	8	15	23	28	21	49	4	11	15	-	5	5	-	5	5	-	-	-	-	-	-	-	1	1	40	58	98
1890, . .	7	6	13	17	18	35	-	7	7	-	3	3	-	3	3	-	1	1	-	1	1	-	-	-	24	39	63
Totals, .	191	261	452	304	468	772	21	185	206	-	85	85	-	129	129	-	29	29	-	9	9	1	3	4	517	1,169	1,686

TABLE 47. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

NORFOLK COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Totals.		
	Males.	Females	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871, . .	-	3	3	4	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	9
1872, . .	1	1	2	4	3	7	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	5	6	11
1873, . .	2	-	2	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	3	8
1874, . .	2	2	4	2	2	4	-	2	2	-	2	2	-	-	-	-	-	-	-	-	-	4	8	12
1875, . .	2	3	5	4	6	10	1	3	4	-	1	1	-	-	-	-	-	-	-	-	-	7	13	20
1876, . .	-	1	1	-	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8
1877, . .	2	2	4	2	5	7	2	2	4	-	2	2	-	-	-	-	-	-	-	-	-	6	11	17
1878, . .	5	1	6	1	6	7	-	1	1	-	-	-	-	2	2	-	1	1	-	-	-	6	11	17
1879, . .	-	-	-	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	1	2
1880, . .	2	1	3	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	5
1881, . .	1	2	3	2	1	3	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	3	5	8
1882, . .	3	-	3	2	5	7	-	1	1	-	-	-	-	2	2	-	-	-	-	-	-	5	8	13
1883, . .	1	1	2	3	7	10	1	1	2	-	-	-	-	1	1	-	-	-	-	-	-	5	10	15
1884, . .	2	3	5	5	8	13	-	1	1	-	-	-	-	3	3	1	-	-	-	-	-	7	15	22
1885, . .	4	3	7	8	8	16	-	6	6	1	1	2	-	1	1	-	-	-	-	1	1	13	20	33
1886, . .	3	1	4	5	4	9	-	2	2	-	-	-	-	8	8	-	1	1	-	-	-	8	16	24
1887, . .	3	3	6	2	12	14	-	1	1	-	-	-	1	1	2	-	-	-	-	-	-	6	17	23
1888, . .	5	-	5	4	5	9	-	2	2	-	-	-	-	1	1	-	-	-	-	-	-	9	9	*18
1889, . .	4	1	5	3	8	11	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	7	11	18
1890, . .	3	1	4	5	8	13	-	4	4	-	-	-	-	2	2	-	1	1	-	-	-	9	16	†25
Totals, .	45	29	74	61	100	161	4	29	33	1	9	10	1	22	23	-	3	3	-	2	2	113	195	308

* One female, nullity of marriage.

† One male, nullity of marriage.

TABLE 48. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

PLYMOUTH COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871,	4	2	6	1	5	6	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	5	8	13
1872,	4	1	5	6	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	5	15
1873,	2	-	2	3	6	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	11
1874,	-	2	2	6	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	12
1875,	1	-	1	6	4	10	-	3	3	-	2	2	-	1	1	-	-	-	-	-	-	-	-	-	7	11	18
1876,	-	5	5	4	2	6	-	2	2	-	6	6	-	1	1	-	1	1	-	-	-	-	-	-	4	17	21
1877,	1	-	1	3	6	9	-	1	1	-	1	1	-	2	2	-	1	1	-	-	-	-	-	-	4	10	14
1878,	3	3	6	6	11	17	-	4	4	-	1	1	-	4	4	-	-	-	-	-	-	-	-	-	9	24	33
1879,	3	2	5	6	6	12	1	1	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	10	12	22
1880,	1	5	6	6	5	11	-	-	-	-	-	-	-	5	5	-	1	1	-	-	-	1	-	1	8	15	23
1881,	1	-	1	6	6	12	-	-	-	-	-	-	-	6	6	-	-	-	-	-	-	-	-	-	7	12	19
1882,	-	1	1	3	10	13	-	2	2	-	-	-	-	6	6	-	-	-	-	1	1	-	-	-	3	20	23
1883,	1	1	2	6	4	10	-	4	4	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	7	11	18
1884,	1	-	1	7	3	10	-	2	2	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-	8	7	15
1885,	2	2	4	4	7	11	-	6	6	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	6	17	23
1886,	5	1	6	2	5	7	-	3	3	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	7	11	18
1887,	2	1	3	4	11	15	-	2	2	-	-	-	-	5	5	-	-	-	-	-	-	-	-	-	6	19	25
1888,	5	2	7	10	7	17	-	-	-	-	2	2	1	4	5	-	1	1	-	-	-	-	-	-	16	16	32
1889,	5	1	6	5	15	20	-	4	4	-	-	-	-	5	5	-	2	2	-	-	-	-	1	1	10	28	38
1890,	3	3	6	10	6	16	1	1	2	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	14	13	27
Totals,	44	32	76	104	127	231	2	35	37	-	13	13	1	51	52	-	7	7	-	2	2	1	1	2	152	268	420

TABLE 49. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

SUFFOLK COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871,	19	26	45	13	15	28	-	-	-	-	-	-	-	1	1	-	2	2	-	-	-	-	2	2	32	46	78
1872,	20	22	42	3	36	39	-	-	-	-	4	4	-	-	-	-	1	1	-	-	-	-	-	-	23	63	86
1873,	16	26	42	8	27	35	6	4	10	-	5	5	-	2	2	-	2	2	-	2	2	-	-	-	30	68	98
1874,	30	28	58	16	53	69	6	18	24	-	17	17	-	5	5	-	9	9	-	1	1	-	-	-	52	131	183
1875,	18	18	36	29	27	56	4	18	22	-	10	10	-	19	19	-	5	5	-	1	1	1	-	1	52	98	150
1876,	11	24	35	23	29	52	2	30	32	-	11	11	-	16	16	-	3	3	-	-	-	-	-	-	36	113	149
1877,	6	25	31	11	38	49	1	24	25	-	9	9	-	21	21	-	1	1	-	2	2	-	-	-	18	120	138
1878,	22	22	44	29	42	71	5	22	27	-	12	12	-	13	13	-	1	1	-	3	3	-	-	-	56	115	171
1879,	18	20	38	11	36	47	5	23	28	-	5	5	-	8	8	-	2	2	-	-	-	-	-	-	34	94	128
1880,	16	23	39	19	46	65	6	19	25	-	6	6	-	15	15	-	1	1	-	2	2	1	-	1	42	112	154
1881,	8	8	16	10	36	46	6	11	17	-	6	6	-	1	1	-	1	1	-	-	-	-	-	-	24	63	87
1882,	7	13	20	13	40	53	1	16	17	-	5	5	-	3	3	-	4	4	-	-	-	-	-	-	21	81	102
1883,	21	17	38	21	45	66	3	18	21	-	5	5	-	18	18	-	-	-	-	-	-	-	-	-	45	103	148
1884,	16	27	43	20	39	59	6	19	25	-	3	3	-	15	15	-	4	4	-	-	-	-	-	-	42	107	149
1885,	24	16	40	19	60	79	5	22	27	-	9	9	-	23	23	-	-	-	-	1	1	-	-	-	48	131	179
1886,	17	19	36	34	55	89	5	21	26	-	9	9	-	13	13	-	4	4	-	1	1	-	-	-	56	122	178
1887,	32	33	65	35	75	110	4	28	32	-	7	7	1	16	17	-	1	1	-	2	2	-	-	-	72	162	234
1888,	21	17	38	16	57	73	5	29	34	-	6	6	-	13	13	-	3	3	-	2	2	-	-	-	42	129	*171
1889,	19	16	35	38	76	114	7	26	33	1	8	9	-	18	18	-	8	8	-	-	-	-	-	-	67	154	†221
1890,	24	16	40	30	66	96	7	15	22	-	4	4	-	10	10	-	1	1	-	1	1	-	1	1	63	118	‡181
Totals,	365	416	781	398	898	1,296	84	363	447	1	141	142	1	230	231	-	53	53	-	18	18	2	3	5	855	2,130	2,985

* Two females, nullity of marriage. † Two males, 2 females, nullity of marriage. ‡ Two males, 4 females, nullity of marriage.

TABLE 50. — *Divorces Granted, by Years and Statute Causes. — Twenty Years.*

WORCESTER COUNTY.

YEARS.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
1871,	13	14	24	13	13	26	-	-	-	-	2	2	-	3	3	-	1	1	-	-	-	-	-	-	26	30	56
1872,	11	4	15	9	11	20	-	1	1	-	-	1	-	1	1	-	1	1	-	-	-	-	-	-	20	18	38
1873,	17	14	31	9	19	28	-	-	-	-	1	1	-	1	1	-	1	1	-	1	1	-	-	-	26	37	63
1874,	9	9	18	7	19	26	-	6	6	-	11	11	-	4	4	-	10	10	-	-	-	-	-	-	16	59	75
1875,	3	5	8	21	22	43	2	7	9	-	6	6	-	2	2	-	3	3	-	1	1	-	1	1	26	47	73
1876,	3	1	4	13	15	28	1	9	10	-	6	6	-	4	4	-	3	3	-	1	1	-	-	-	17	39	56
1877,	11	5	16	5	21	26	-	7	7	-	8	8	-	5	5	-	2	2	-	-	-	-	-	-	16	48	64
1878,	6	5	11	8	12	20	-	8	8	-	1	1	-	6	6	-	-	-	-	1	1	-	-	-	14	33	47
1879,	5	9	14	23	31	54	-	8	8	-	7	7	-	4	4	-	2	2	-	1	1	-	-	-	28	62	90
1880,	10	11	21	16	26	42	-	8	8	-	-	-	-	11	11	-	1	1	-	-	-	-	-	-	26	57	83
1881,	2	3	5	1	4	5	-	5	5	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	3	13	16
1882,	12	9	21	12	29	41	-	13	13	-	5	5	-	3	3	-	4	4	-	-	-	-	-	-	24	63	87
1883,	18	14	32	12	26	38	1	12	13	-	6	6	-	4	4	-	4	4	-	1	1	1	-	1	32	67	99
1884,	13	10	23	19	23	42	-	6	6	-	3	3	1	10	11	-	1	1	-	-	-	-	-	-	33	53	86
1885,	15	8	23	13	17	30	1	7	8	-	3	3	-	7	7	-	1	1	-	-	-	-	-	-	29	43	72
1886,	3	7	10	21	30	51	2	13	15	-	4	4	1	5	6	-	-	-	-	-	-	-	-	-	27	60	*87
1887,	14	10	24	23	22	45	1	14	15	-	1	1	-	5	5	-	6	6	-	2	2	-	-	-	38	60	98
1888,	9	6	15	14	16	30	-	10	10	-	4	4	1	9	10	-	-	-	-	1	1	-	1	1	25	47	72
1889,	6	10	16	20	19	39	1	13	14	-	1	1	-	9	9	-	3	3	-	-	-	-	-	-	27	55	82
1890,	6	5	11	14	24	38	-	16	16	-	1	1	-	14	14	-	3	3	-	-	-	-	-	-	20	63	83
Totals,	186	156	342	273	399	672	9	163	172	-	71	71	3	108	111	-	46	46	-	9	9	1	2	3	473	954	1,427

* One male, nullity of marriage.

TABLE 51. — *Total Number of Divorces Granted, by Counties and Statute Causes. — Twenty Years.*

COUNTIES.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Nullity of Marriage.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
Barnstable,	29	27	56	38	90	128	-	6	6	-	18	18	-	1	1	-	3	3	-	-	-	-	-	-	-	-	-	67	145	212
Berkshire,	43	80	123	64	125	189	2	37	39	2	32	34	1	30	31	-	12	12	1	5	6	-	2	2	-	-	-	113	323	436
Bristol,	125	132	257	166	251	417	13	92	105	-	59	59	1	70	71	-	22	22	-	3	3	-	3	3	-	-	-	305	632	937
Dukes and Nantucket,	6	1	7	10	20	30	1	4	5	-	5	5	1	4	5	-	2	2	-	-	-	-	-	-	-	-	-	18	36	54
Essex,	219	228	447	299	536	835	17	206	223	-	106	106	1	97	98	-	28	28	1	3	4	1	1	2	-	-	-	538	1,205	1,743
Franklin,	31	40	71	35	50	85	-	11	11	-	8	8	-	11	11	-	2	2	-	4	4	-	-	-	-	-	-	66	126	192
Hampden,	87	91	178	141	229	370	4	125	129	1	42	43	2	69	71	-	22	22	-	2	2	-	-	-	-	-	-	235	580	815
Hampshire,	20	24	44	48	48	96	4	11	15	-	9	9	1	27	28	-	5	5	-	3	3	-	-	-	-	-	-	73	127	200
Middlesex,	191	261	452	304	468	772	21	185	206	-	85	85	-	129	129	-	29	29	-	9	9	1	3	4	-	-	-	517	1,169	1,686
Norfolk,	45	29	74	61	100	161	4	29	33	1	9	10	1	22	23	-	3	3	-	2	2	-	-	-	1	1	2	113	195	308
Plymouth,	44	32	76	104	127	231	2	35	37	-	13	13	1	51	52	-	7	7	-	2	2	1	1	2	-	-	-	152	268	420
Suffolk,	365	416	781	398	898	1,296	84	363	447	1	141	142	1	230	231	-	53	53	-	18	18	2	3	5	4	8	12	855	2,130	2,985
Worcester,	186	156	342	273	399	672	9	163	172	-	71	71	3	108	111	-	46	46	-	9	9	1	2	3	1	-	1	473	954	1,427
The State,	1,391	1,517	2,908	1,941	3,341	5,282	161	1,267	1,428	5	598	603	13	849	862	-	234	234	2	60	62	6	15	21	6	9	15	3,525	7,890	11,415

TABLE 52. — *Ratio of Divorces Granted for Each Statute Cause, by Counties. — Twenty Years.*

COUNTIES.	Adultery.		Desertion.		Intoxication.		Extreme Cruelty.		Cruel and Abusive Treatment.		Neglect to Provide.		Imprisonment.		Impotency.		Nullity of Marriage.		Totals.
	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	
Barnstable,	56	26·41	128	60·38	6	2·83	18	8·49	1	·47	3	1·42	-	-	-	-	-	-	212
Berkshire,	123	28·21	189	43·35	39	8·94	34	7·80	31	7·11	12	2·75	6	1·38	2	·46	-	-	436
Bristol,	257	27·43	417	44·50	105	11·20	59	6·30	71	7·58	22	2·35	3	·32	3	·32	-	-	937
Dukes and Nantucket,	7	12·96	30	55·56	5	9·26	5	9·26	5	9·26	2	3·70	-	-	-	-	-	-	54
Essex,	447	25·64	835	47·91	223	12·80	106	6·08	98	5·62	28	1·61	4	·23	2	·11	-	-	1,743
Franklin,	71	36·98	85	44·27	11	5·73	8	4·17	11	5·73	2	1·04	4	2·08	-	-	-	-	192
Hampden,	178	21·84	370	45·40	129	15·83	43	5·28	71	8·71	22	2·70	2	·24	-	-	-	-	815
Hampshire,	44	22·00	96	48·00	15	7·50	9	4·50	28	14·00	5	2·50	3	1·50	-	-	-	-	200
Middlesex,	452	26·81	772	45·79	206	12·22	85	5·04	129	7·65	29	1·72	9	·53	4	·24	-	-	1,686
Norfolk,	74	24·02	161	52·27	33	10·72	10	3·25	23	7·47	3	·97	2	·65	-	-	2	·65	308
Plymouth,	76	18·10	231	55·00	37	8·81	13	3·09	52	12·38	7	1·66	2	·48	2	·48	-	-	420
Suffolk,	781	26·16	1,296	43·42	447	14·98	142	4·76	231	7·74	53	1·78	18	·60	5	·16	12	·40	2,985
Worcester,	342	23·97	672	47·09	172	12·05	71	4·98	111	7·78	46	3·22	9	·63	3	·21	1	·07	1,427
The State,	2,908	25·48	5,282	46·27	1,428	12·51	603	5·28	862	7·55	234	2·05	62	·54	21	·19	15	·13	11,415

TABLE 53. — *Ratio of Total Number of Divorces to Total Number of Marriages, by Counties and Causes. — Twenty Years, 1871–1890.*

COUNTIES.	Number of Marriages.	ADULTERY.		DESERTION.		INTOXICATION.		EXTREME CRUELTY.		ALL OTHER CAUSES.	
		Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.
Barnstable,	5,300	56	1 to 94·6	128	1 to 41·4	6	1 to 883·3	18	1 to 294·4	4	1 to 1325·0
Berkshire,	10,574	123	1 to 85·9	189	1 to 55·9	39	1 to 271·1	34	1 to 311·0	51	1 to 207·3
Bristol,	27,561	257	1 to 107·2	417	1 to 66·1	105	1 to 262·5	59	1 to 467·1	99	1 to 278·4
Dukes and Nantucket,	1,271	7	1 to 181·5	30	1 to 42·4	5	1 to 254·2	5	1 to 254·2	7	1 to 181·5
Essex,	46,068	447	1 to 103·0	835	1 to 55·2	223	1 to 206·6	106	1 to 434·6	132	1 to 349·0
Franklin,	5,632	71	1 to 79·3	85	1 to 66·3	11	1 to 512·0	8	1 to 704·0	17	1 to 331·3
Hampden,	20,115	178	1 to 113·0	370	1 to 54·4	129	1 to 155·9	43	1 to 467·8	95	1 to 212·2
Hampshire,	7,491	44	1 to 170·2	96	1 to 78·0	15	1 to 499·4	9	1 to 832·3	36	1 to 208·1
Middlesex,	59,219	452	1 to 131·0	772	1 to 76·7	206	1 to 287·4	85	1 to 696·6	171	1 to 346·3
Norfolk,	14,801	74	1 to 200·0	161	1 to 91·9	33	1 to 448·5	10	1 to 1480·1	30	1 to 493·3
Plymouth,	12,708	76	1 to 167·2	231	1 to 55·0	37	1 to 343·4	13	1 to 977·5	63	1 to 201·7
Suffolk,	81,242	781	1 to 104·0	1,296	1 to 62·7	447	1 to 181·7	142	1 to 572·1	319	1 to 254·6
Worcester,	38,988	342	1 to 114·0	672	1 to 58·0	172	1 to 226·7	71	1 to 549·1	170	1 to 235·2
The State,	330,970	2,908	1 to 113·8	5,282	1 to 62·7	1,428	1 to 231·7	603	1 to 548·8	1,194	1 to 277·2

TABLE 54. — *Divorces Granted, by Counties and Statute Causes. — 1890.*

COUNTIES.	Adultery.			Desertion.			Intoxication.			Extreme Cruelty.			Cruel and Abusive Treatment.			Neglect to Provide.			Imprisonment.			Impotency.			Nullity of Marriage.			Totals.		
	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.	Males.	Females.	Both Sexes.
Barnstable,	2	2	4	3	1	4	-	2	2	-	2	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	5	8	13
Berkshire,	-	4	4	10	4	14	-	5	5	-	1	1	-	3	3	-	1	1	-	-	-	-	-	-	-	-	-	10	18	28
Bristol,	4	14	18	11	12	23	1	5	6	-	-	-	-	2	2	-	1	1	-	-	-	-	-	-	-	-	-	16	34	50
Dukes and Nantucket,	-	-	-	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
Essex,	12	13	25	24	35	59	5	12	17	-	4	4	-	9	9	-	1	1	-	-	-	-	-	-	-	-	-	41	74	115
Franklin,	2	2	4	-	1	1	-	2	2	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	2	7	9
Hampden,	4	2	6	10	21	31	-	5	5	-	1	1	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	14	35	49
Hampshire,	-	1	1	1	3	4	-	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	1	8	9
Middlesex,	7	6	13	17	18	35	-	7	7	-	3	3	-	3	3	-	1	1	-	1	1	-	-	-	-	-	-	24	39	63
Norfolk,	3	1	4	5	8	13	-	4	4	-	-	-	-	2	2	-	1	1	-	-	-	-	-	-	1	-	1	9	16	25*
Plymouth,	3	3	6	10	6	16	1	1	2	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	14	13	27
Suffolk,	24	16	40	30	66	96	7	15	22	-	4	4	-	10	10	-	1	1	-	1	1	-	1	1	2	4	6	63	118	181†
Worcester,	6	5	11	14	24	38	-	16	16	-	1	1	-	14	14	-	3	3	-	-	-	-	-	-	-	-	-	20	63	83
The State,	67	60	136	136	199	335	14	74	88	-	17	17	-	56	56	-	11	11	-	3	3	-	1	1	3	4	7	220	434	654

* Norfolk, 1 male, nullity of marriage.

† Suffolk, 1 female, impotency; and 2 males and 4 females, nullity of marriage.

TABLE 55. — *Ratio of Divorces granted for Each Statute Cause to the Total Number, by Counties. — 1890.*

COUNTIES.	Adultery.		Desertion.		Intoxication.		Extreme Cruelty.		Cruel and Abusive Treatment.		Neglect to Provide.		Imprisonment.		Impotency.		Nullity of Marriage.		Totals.
	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages	Numbers.	Percentages.	
Barnstable,	4	30·77	4	30·77	2	15·38	2	15·38	–	–	1	7·70	–	–	–	–	–	–	13
Berkshire,	4	14·29	14	50·00	5	17·86	1	3·57	3	10·71	1	3·57	–	–	–	–	–	–	28
Bristol,	18	36·00	23	46·00	6	12·00	–	–	2	4·00	1	2·00	–	–	–	–	–	–	50
Dukes and Nantucket,	–	–	1	50·00	–	–	1	50·00	–	–	–	–	–	–	–	–	–	–	2
Essex,	25	21·74	59	51·31	17	14·78	4	3·48	9	7·82	1	·87	–	–	–	–	–	–	115
Franklin,	4	44·45	1	11·11	2	22·22	–	–	–	–	1	11·11	1	11·11	–	–	–	–	9
Hampden,	6	12·24	31	63·28	5	10·20	1	2·04	6	12·24	–	–	–	–	–	–	–	–	49
Hampshire,	1	11·11	4	44·44	–	–	–	–	4	44·45	–	–	–	–	–	–	–	–	9
Middlesex,	13	20·63	35	55·56	7	11·11	3	4·76	3	4·76	1	1·59	1	1·59	–	–	–	–	63
Norfolk,	4	16·00	13	52·00	4	16·00	–	–	2	8·00	1	4·00	–	–	–	–	1	4·00	25
Plymouth,	6	22·22	16	59·26	2	7·41	–	–	3	11·11	–	–	–	–	–	–	–	–	27
Suffolk,	40	22·10	96	53·04	22	12·15	4	2·21	10	5·53	1	·55	1	·55	1	·55	6	3·32	181
Worcester,	11	13·25	38	45·79	16	19·28	1	1·20	14	16·87	3	3·61	–	–	–	–	–	–	83
The State,	136	20·79	335	51·23	88	13·45	17	2·60	56	8·57	11	1·68	3	·46	1	·15	7	1·07	654

The following summary shows the relative rank of each county with reference to the prominent causes of divorce, as compared with the total number granted in each county for the year 1890: —

Adultery.		Desertion.		Intoxication.	
Franklin,	44·4	Hampden,	63·3	Franklin,	22·2
Bristol,	36·0	Plymouth,	59·3	Worcester,	19·3
Barnstable,	30·8	Middlesex,	55·6	Berkshire,	17·9
Plymouth,	22·2	Suffolk,	53·0	Norfolk,	16·0
Suffolk,	22·1	Norfolk,	52·0	Barnstable,	15·4
Essex,	21·7	Essex,	51·3	Essex,	14·8
The State,	20·8	The State,	51·2	The State,	13·4
Middlesex,	20 6	Berkshire,	50·0	Suffolk,	12·1
Norfolk,	16·0	Dukes and Nantucket,	50·0	Bristol,	12·0
Berkshire,	14·3	Bristol,	46·0	Middlesex,	11·1
Worcester,	13·2	Worcester,	45·8	Hampden,	10·2
Hampden,	12·2	Hampshire,	44·4	Plymouth,	7·4
Hampshire,	11·1	Barnstable,	30·8	Dukes and Nantucket,	-
Dukes and Nantucket,	-	Franklin,	11·1	Hampshire,	-

The whole number of libels for divorce disposed of in 1890 was 675, of which 590, or 87·4 per cent., were not contested, as compared with 89·1 per cent in 1889.

The following summary presents the ratio of uncontested and of successful cases classified by causes for 1889 and 1890.

Percentage of Uncontested Cases — by Causes.

	1889.	1890.
For adultery,	85·9	89·1
desertion,	92·8	91·3
intoxication,	87·4	85·4
extreme cruelty,	75·0	83·3
cruel and abusive treatment,	84·1	68·2
neglect to provide support,	95·2	84·6

Percentage of Successful Cases — by Causes.

	1889.	1890.
For adultery,	98·0	99·3
desertion,	97·9	97·3
intoxication,	98·1	98·9
extreme cruelty,	100·0	94·4
cruel and abusive treatment,	100·0	88·9
neglect to provide support,	95·2	84·6

In one hundred and five cases the libels were dismissed, as compared with 552 in 1888, and 128 in 1889.

As compared with the number of marriages in the State, the number of divorces in 1890 was one to 31·9. In 1889 the ratio was one to 26·9, and in 1888 one to 30·6, and for the twenty years ending with 1890 it was one to 29·0.

TABLE 56. — *Ratio of Divorces to Marriages, by Counties. — 1890.*

COUNTIES.	Number of Marriages.	Number of Divorces.	Ratio of Divorces to Marriages.
Barnstable,	245	13	1 to 18·8
Berkshire,	613	28	1 to 21·9
Bristol,	1,885	50	1 to 37·7
Dukes and Nantucket,	57	2	1 to 28·5
Essex,	2,773	115	1 to 24·1
Franklin,	285	9	1 to 31·7
Hampden,	1,198	49	1 to 24·4
Hampshire,	421	9	1 to 46·8
Middlesex,	3,836	63	1 to 60·9
Norfolk,	937	25	1 to 37·5
Plymouth,	803	27	1 to 29·7
Suffolk,	5,297	181	1 to 29·3
Worcester,	2,488	83	1 to 30·0
THE STATE,	20,838	654	1 to 31·9

The highest ratio occurred in Barnstable County, one to 18·8, and the lowest in Middlesex County, one to 60·9. Other counties having high ratios were: Berkshire, one to 21·9, and Hampden, one to 24·4. Other counties having low ratios were: Hampshire, one to 46·8; Bristol, one to 37·7, and Norfolk, one to 37·5.

TABLE 57.—*Average Length of Married Life of Libellants, by Statute Causes.—Nine Years, 1882–1890.*
(*Expressed in Years, and Decimals of a Year.*)

YEARS.	Years of Married Life.									
	Adultery.	Desertion.	Intoxication.	Extreme Cruelty.	Cruel and Abusive Treatment.	Neglect to Provide.	Imprisonment.	Impotency.	Nullity of Marriage.	Totals.
1882, . . .	9·86	11·41	10·70	12·02	10·85	10·02	17·66	–	2·50	10·95
1883, . . .	9·63	11·53	12·00	10·16	10·07	9·78	–	7·00	–	10·89
1884, . . .	9·86	12·90	12·65	12·76	10·10	7·82	13·00	12·00	7·00	11·70
1885, . . .	9·85	12·81	12·81	10·11	9·57	11·44	9·20	8·33	–	11·64
1886, . . .	10·16	12·34	12·54	9·21	9·62	11·10	21·00	11·50	5·00	11·45
1887, . . .	10·68	12·47	11·63	8·95	11·23	9·25	13·60	–	–	11·69
1888, . . .	10·07	11·67	12·00	10·80	9·02	11·25	11·00	9·00	5·20	11·03
1889, . . .	10·39	11·30	11·25	9·75	11·04	11·76	–	8·00	4·50	10·99
1890, . . .	10·31	11·95	11·75	7·22	9·70	15·46	8·67	·50	10·14	11·27
Average, 9 years, .	10·16	12·03	11·92	10·21	10·16	10·84	11·55	8·50	6·60	11·29

TABLE 58. — *Length of Married Life of Libellants, by Sex, and Statute Causes for Divorce. — Nine Years, 1882–1890.*

CAUSES.	Number.	Sex.		Number of Years Married.																Aggregates.	Averages, in Years.
				Under 6 months.		6 months to 1 year.		1 to 5 years.		5 to 10 years.		10 to 20 years.		20 to 30 years.		Over 30 years.		Unknown.			
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
Adultery, . .	1,404	727	677	2	5	8	5	173	118	227	218	260	265	50	54	7	11	–	1	14,167	10·09
Cruel and abusive treatment, .	575	17	558	–	8	–	9	8	116	2	178	5	182	2	51	–	13	–	1	5,841	10·16
Desertion, . .	3,085	1,168	1,917	1	1	1	–	129	224	393	651	436	774	160	202	46	63	2	2	37,106	12·03
Extreme cruelty,	272	9	263	–	2	–	1	4	65	2	70	2	90	–	29	–	5	1	1	2,778	10·21
Imprisonment, .	27	1	26	–	1	–	–	–	4	1	6	–	12	–	1	–	2	–	–	311	11·52
Impotency, .	13	3	10	–	–	–	1	–	2	1	3	2	4	–	–	–	–	–	–	110·5	8·50
Intoxication, .	843	103	740	–	6	–	1	13	97	27	214	48	325	11	71	3	25	1	1	10,049	11·92
Non-support, .	126	–	126	–	–	–	–	–	21	–	55	–	31	–	13	–	6	–	–	1,566	12·43
Nullity of marriage, . .	20	9	11	1	2	1	–	2	3	3	1	2	5	–	–	–	–	–	–	132	6·60
Totals, .	6,365	Males, 2,037	Fem., 4,328	4 / 25		10 / 17		329 / 650		656 / 1,396		755 / 1,688		223 / 421		56 / 125		4 / 6		72,060·5	11·32

In table 57 it appears that the average length of married life of all libellants in 1890 was 11·27 years, as compared with 10·99 in 1889.

Of the suits entered upon the charge of adultery, in 1890, the average length of married life was 10·31 years; for desertion, it was 11·95 years; for intoxication, 11·75 years; for extreme cruelty, 7·22 years; for cruel and abusive treatment, 9·70 years, and for non-support, 15·46 years.

With reference to causes of divorce for the year 1890, the length of the married life of libellants in case of those entered for adultery was from one to five years in 24·1 per cent.; from five to ten years in 31·4 per cent.; from ten to twenty years in 30·6 per cent.; from twenty to thirty years in 10·2 per cent. In four cases it had continued more than thirty years.

Of the libellants on account of desertion, 9·9 per cent. had been married from one to five years; 35·8 per cent., from five to ten years; 37·8 per cent., from ten to twenty years; 13·4 per cent., from twenty to thirty years. Eleven had been married more than thirty years.

Of the libellants on account of intoxication, 14·6 per cent. had been married from one to five years; 33·7 per cent., from five to ten years; 37·1 per cent., from ten to twenty years; and 13·5 per cent., from twenty to thirty years. None had been married less than one year, and one had been married over thirty years.

A summary of the statistics relative to the length of married life of libellants, classified by sexes and statute causes, for the period of nine years ending with 1890, is presented in table 58. The number of suits entered during this period was 6,365, and the average length of married life of those who entered their suits was 11·32 years.

The average for the different causes was as follows: for adultery, 10·09 years; for cruel and abusive treatment, 10·16 years; for desertion, 12·03 years; for extreme cruelty, 10·21 years; for imprisonment, 11·52 years; impotency, 8 50 years; intoxication, 11·92 years; non-support, 12 43 years; nullity of marriage, 6·60 years.

Of the whole number of libellants, 29, or ·46 of one per cent., had been married less than six months; 27, or ·4 of one per

cent , from six months to one year; 979, or 15·4 per cent., from one to five years; 2,052, or 32·2 per cent., from five to ten years; 2,110, or 38·4 per cent., from ten to twenty years; 644, or 10·1 per cent., from twenty to thirty years; 181, or 2·8 per cent., over thirty years; and in ten cases the length of married life was not stated.

DEATHS.

The number of deaths reported for the year 1890 was 43,528, which was 1,751 more than the number returned in 1889, and 1,431 more than the number reported in 1888.

It was greater by 2,446 than the average mortality of the five years ending with 1890.

The death-rate for the year was 19·44 per thousand of the living population, which was greater than that of 1889, but less than that of either 1885, 1886, 1887 or 1888.

The mortality of infants under one year was 9,625, which was greater than that of any previous year of registration; the greatest infant mortality of the previous fifteen years having been 9,105 in 1889, and the least, 5,805 in 1879.

The percentage of deaths of children under one year of age to the total mortality in 1890, was 22·11, as compared with 21·79 in 1889, and 21·07 in 1888.

In table 59 are presented the number of deaths and the death-rates per 1,000 of the living population for each year, and for quinquennial periods from 1851 to 1890 inclusive. The death-rates for all years except census years are estimated. The average mortality-rate of the forty years ending with 1890 was 19·35.

In table 60 are given the death-rates for the different counties for the six census years (1865–1890), and also the number of deaths in each county for each year since 1880; by this table it appears that the mortality in each county except Nantucket and Suffolk for the year 1890 was greater than that of the previous year.

TABLE 59.—*Deaths and Death-rates, 1851–1890.*

YEARS.	Deaths Registered.	Deaths to 1,000 Persons Living.	Annual Means of Quinquennial Periods.
1851,	18,934	18·52	
1852,	18,482	17·61	
1853,	20,301	18·85	18·55
1854,	21,411	19·38	
1855,	**20,798**	**18·37**	
1856,	20,735	17·99	
1857,	21,280	18·16	
1858,	20,776	17·44	17·93
1859,	20,976	17·32	
1860,	**23,068**	**18·74**	
1861,	24,085	19·45	
1862,	22,974	18·45	
1863,	27,751	22·16	20·71
1864,	28,723	22·82	
1865,	**26,152**	**20·64**	
1866,	23,637	18·11	
1867,	22,772	16·95	
1868,	25,603	18·53	18·15
1869,	26,054	18·35	
1870,	**27,329**	**18·75**	
1871,	27,943	18·67	
1872,	35,019	22·81	
1873,	33,912	21·54	20·80
1874,	31,887	19·77	
1875,	**34,978**	**21·17**	
1876,	33,186	19·77	
1877,	31,342	18·40	
1878,	31,303	18·09	18·83
1879,	31,801	18·10	
1880,	**35,292**	**19·79**	
1881,	36,458	20·09	
1882,	36,785	19·92	
1883,	37,748	20·09	19·81
1884,	36,990	19·36	
1885,	**38,094**	**19·61**	
1886,	37,244	18·61	
1887,	40,763	19·78	
1888,	42,097	19·86	19·37
1889,	41,777	19·17	
1890,	**43,528**	**19·44**	
Forty years' average,	–	19·35	19·35

TABLE 60. — *Death-rates by Counties, 1865, 1870, 1875, 1880, 1885, 1890, and Deaths, 1881–1890.*

	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	STATE.
Death-rates, 1865, . .	17·8	17·9	20·4	15·4	21·7	18·4	19·0	20·9	19·1	28·0	19·1	22·0	23·3	21·2	20·6
" " 1870, . .	14·5	15·4	18·1	14·3	17·4	16·9	19·1	17·1	18·9	22·6	15·6	16·2	23·7	17·9	18·7
" " 1875, . .	19·1	18·9	20·7	17·2	21·1	19·8	20·4	20·4	20·9	26·2	17·4	18·6	25·7	18·4	21·1
" " 1880, . .	19·0	16·0	21·4	13·9	20·2	16·1	19·9	18·1	18·1	30·9	16·1	16·8	23·4	18·9	19·7
" " 1885, . .	18·8	18·0	20·6	25·4	18·1	15·8	18·4	16·9	18·6	33·7	16·7	17·5	24·2	18·1	19·6
" " 1890, . .	19·4	18·2	20·3	25·4	20·0	15·8	19·6	18·5	18·4	24·5	16·5	16·9	22·3	17·8	19·4
Deaths, 1881, . . .	523	1,305	3,015	96	4,778	605	2,107	954	6,181	112	1,645	1,370	9,578	4,189	36,458
" 1882, . . .	577	1,242	3,251	95	4,969	588	2,181	797	6,149	115	1,659	1,354	9,531	4,277	36,785
" 1883, . . .	578	1,277	2,949	75	5,041	626	2,187	878	6,380	111	1,673	1,301	10,262	4,410	37,748
" 1884, . . .	559	1,289	3,125	84	4,837	628	2,092	792	6,234	98	1,629	1,277	10,139	4,207	36,990
" 1885, . . .	560	1,328	3,269	105	4,764	593	2,152	820	6,642	106	1,703	1,433	10,203	4,416	38,094
" 1886, . . .	573	1,345	3,098	91	4,879	608	2,118	881	6,388	103	1,678	1,345	9,810	4,327	37,244
" 1887, . . .	612	1,334	3,400	89	5,320	683	2,229	869	7,538	87	1,761	1,442	10,667	4,722	40,763
" 1888, . . .	616	1,419	3,503	123	5,313	668	2,512	946	7,563	95	1,876	1,485	10,873	5,105	42,097
" 1889, . . .	542	1,328	3,499	89	5,418	574	2,487	860	7,750	87	1,877	1,412	10,933	4,921	41,777
" 1890, . . .	567	1,476	3,778	111	6,007	610	2,653	959	7,948	80	1,968	1,563	10,819	4,989	43,528

Density of Population.

Table 61 presents the statistics of the fourteen counties, divided into two groups for the purpose of showing the relation of density of the population to the mortality-rate. The population, the area of each group and the density of each are given, together with the estimated mortality-rate. The densely settled counties are collected in one group, and the sparsely settled in another. The former group includes Suffolk, Essex, Middlesex, Bristol, Norfolk and Hampden counties; and the latter comprises Worcester, Plymouth, Hampshire, Berkshire, Barnstable, Nantucket, Franklin and Dukes counties.

Table 61. — *Relation of the Death-rate to Density of Population, by Groups of Counties.*

COUNTIES.	Area in Sq Miles.	Persons to Sq. Mile.	Population. 1890.	Deaths. 1890.	Death-rates per 1,000. 1890.
Suffolk,	48·	10,100·	484,780	10,819	22·3
Essex,	525·	571·	299,995	6,007	20·0
Middlesex,	858·	502·	431,167	7,948	18·4
Bristol,	587·	318·	186,465	3,778	20·3
Norfolk,	535·	222·	118,950	1,968	16·5
Hampden,	635·	214·	135,713	2,653	19·6
	3,188·	520·	1,657,070	33,173	20·0
Worcester,	1,596·	180·	280,787	4,989	17·8
Plymouth,	698·	133·	92,700	1,563	16·9
Hampshire,	597·	87·	51,859	959	18·5
Berkshire,	958·	85·	81,108	1,476	18·2
Barnstable,	417·	70·	29,172	567	19·4
Nantucket,	53·	61·	3,268	80	24·5
Franklin,	698·	55·	38,610	610	15·8
Dukes,	110·	40·	4,369	111	25·4
	5,127·	113·	581,873	10,355	17·8
The State,	8,315·	269·	2,238,943	43,528	19·44

In the former, with an estimated average density of 520 to each square mile, the mortality-rate was 20·0 per 1,000 of the population, and in the latter group, having a density of 113, it was 17·8 per 1,000. There was therefore a difference of 2·2 per 1,000 in favor of the rural counties, as compared with a difference of 2·7 per 1,000 in 1889.

In table 62 it appears that the total mortality for 1890 was greater than that of 1889, and the mortality of every month, except April, May, June, July, September and October, was

greater than that of the corresponding month of 1889. The greatest difference was in January, in which month there were 2,063 more deaths than there were in January, 1889; the least difference (6) was in the month of December.

TABLE 62. — *Relation of the Mortality-rate to Seasons of the Year. — 1889–1890.*

	Deaths registered in each Month.		Deaths registered in each Quarter.		Monthly Percentage of Total Mortality.		Quarterly Percentage of Total Mortality.	
	1889.	1890.	1889.	1890.	1889.	1890.	1889.	1890.
January, .	3,237	5,300	9,817	12,156	7·75	12·18	23·50	27·93
February, .	3,064	3,273			7·33	7·52		
March, .	3,516	3,583			8·42	8·23		
April, . .	3,573	3,437	10,047	9,526	8·55	7·90	24·05	21·88
May, . .	3,353	3,249			8·03	7·46		
June, . .	3,121	2,840			7·47	6·52		
July, . .	4,224	3,962	12,087	12,122	10·11	9·10	28·93	27·85
August, .	4,213	4,545			10·08	10·44		
September, .	3,650	3,615			8·74	8·31		
October, .	3,368	3,223	9,826	9,724	8·06	7·40	23·52	22·34
November, .	2,984	3,021			7·14	6·94		
December, .	3,474	3,480			8·32	7·80		
THE YEAR,	41,777	43,528	41,777	43,528	100·00	100·00	100·00	100·00

The greatest number of deaths occurred in January, and in the first quarter, and the least number in June, and in the second quarter. In the previous year the greatest number of deaths occurred in July. The unusual mortality in January was due to the wide-spread epidemic of influenza, which began in December of the previous year, but did not seriously affect the death-rate until the following month.

In table 63 are presented the percentages of deaths in each quarter of the years for a period of twenty years.

The order is as follows, beginning with the maximum: For 1890, it was first, third, fourth, second; for 1889, it was third, second, fourth, first; in 1888, it was third, first, second, fourth; but for 1887, as well as for the average of the nineteen years, it was third, first, fourth, second.

In 1890 and 1879 only, in the years included in this period, did the greatest mortality occur in the first quarter of the year.

The difference in the mortality of the population at different seasons of the year is influenced considerably by the mortality of children under five years of age. Table 64 is therefore introduced, in which is presented the deaths of this class by months for the year 1890, with the percentages for each month.

TABLE 63.—*Percentages of Deaths, by Quarters.—1871–1890.*

	Percentages of Deaths, by Quarters ending with —			
	March.	June.	September.	December.
1871,	23·4	23·0	30·5	23·1
1872,	22·1	21·9	33·3	22·7
1873,	24·3	22·2	30·8	22·7
1874,	22·6	23·4	29·6	24·4
1875,	24·7	22·5	29·4	23·4
1876,	25·6	22·3	29·4	22·7
1877,	24·4	22·2	29·7	23·7
1878,	23·8	22·2	28·5	25·5
1879,	27·4	23·3	26·2	23·1
1880,	23·5	23·4	28·6	24·5
1881,	25·0	23·4	27·6	24·0
1882,	24·1	24·1	28·7	23·1
1883,	23·9	24·7	28·3	23·1
1884,	24·1	22·2	28·5	25·2
1885,	26·5	24·9	27·7	20·9
1886,	23·9	23·0	28·6	24·5
1887,	24·1	23·4	28·8	23·7
1888,	26·6	23·6	27·8	22·0
1889,	23·5	24·1	28·9	23·5
1890,	27·9	21·9	27·8	22·3

TABLE 64.—*Deaths of Children under Five, by Seasons.—1890.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months,	1,190	863	1,009	978	920	753	1,811	2,315	1,459	934	753	884
Percentages,	8·58	6·22	7·28	7·05	6·63	5·43	13·06	16·69	10·52	6·74	5·43	6·37
Quarters,	3,062			2,651			5,585			2,571		
Percentages,	22·08			19·11			40·27			18·54		
Half-years,	5,713						8,156					
Percentages,	41·19						58·81					
	13,869											
	100·00											

By this table it appears that the least mortality of children under five years was in the months of June and November, and also in the last quarter of the year, and the greatest mortality of this class was in the month of August and in the third quarter. The mortality of July was more than thrice that of either June or November, and the mortality of the third quarter of the year was greater than the combined mortality of the fourth and second quarters for this class.

Sex. — Table 65 presents the mortality of males and females for a period of thirty-nine years, the ratio of the mortality of males to that of females, and also the mortality-rate of each sex, the latter being given for census years only.

The excess of the mortality of females over males finds but a partial explanation in the excess of the former over the latter; since, while this excess of the female population over the male amounted to 8·19 per cent. by the census of 1885, the excess in the mortality of the female population in the same year was very much less.

In 1890, as well as in 1888 and 1889, notwithstanding a considerable excess of females estimated upon the census of 1885, there was an actual excess in the mortality of males over that of females, the excess in 1890 amounting to 6; that of 1889 being 179, and that of 1888 371. There had been no excess of mortality of males since 1873, until 1888.

In table 66 are given the deaths, by age and by sex, for certain periods of life, for the years 1889 and 1890; by which it appears that 1,013 more males than females died under the age of one year, and the excess in the deaths of males over females under five years of age was 1,036.

TABLE 65.—*Mortality of Males and Females compared.—1852–1890.*

	Deaths of Males.	Deaths of Females.	Deaths of Males to 100 Deaths of Females.	Death-rate of Males.	Death-rate of Females.
1852-61, ...	104,875	106,020	98·8	–	–
1860, ...	*11,444*	*11,547*	*99·9*	*19·3*	*18·4*
1862–65 (4 years of war),	54,407	50,994	106·7	–	–
1865, ...	*13,085*	*13,024*	*100·5*	*21·7*	*19·6*
1866, ...	11,601	12,003	96·6	–	–
1867, ...	11,359	11,369	99·8	–	–
1868, ...	12,871	12,695	101·4	–	–
1869, ...	12,777	13,231	96·6	–	–
1870, ...	*13,699*	*13,598*	*100·7*	*19·5*	*18·6*
1871, ...	13,985	13,931	100·4	–	–
1872, ...	17,717	17,256	102·7	–	–
1873, ...	17,242	16,642	103·6	–	–
1874, ...	15,912	15,939	99·9	–	–
1875, ...	*17,329*	*17,619*	*98·4*	*21·8*	*20·5*
1876, ...	16,485	16,669	98·8	–	–
1877, ...	15,427	15,894	97·1	–	–
1878, ...	15,284	15,986	95·6	–	–
1879, ...	15,628	16,142	96·8	–	–
1880, ...	*17,426*	*17,852*	*97·6*	*20·3*	*19·3*
1881, ...	18,147	18,296	99·2	–	–
1882, ...	18,360	18,418	99·6	–	–
1883, ...	18,840	18,904	99·6	–	–
1884, ...	18,418	18,567	99·2	–	–
1885, ...	*18,889*	*19,205*	*98·4*	*20·2*	*19·0*
1886, ...	18,585	18,659	99·6	–	–
1887, ...	20,329	20,434	99·5	–	–
1888, ...	21,234	20,863	101·8	–	–
1889, ...	20,978	20,799	100·9	–	–
1890, ...	*21,767*	*21,761*	*100.0*	–	–

TABLE 66. — *Deaths at Different Ages. — 1889–1890.*

		Under 1 Year.		Under 5 Years.		20 to 30.		All Others.		Totals.	
		1889.	1890.	1889.	1890.	1889.	1890.	1889.	1890.	1889.	1890.
I. Deaths,	Males,	4,978	5,319	7,327	7,453	1,845	1,917	11,816	12,397	20,978	21,767
	Females,	4,127	4,306	6,322	6,417	2,024	2,014	12,453	13,330	20,799	21,761
	Totals,	9,105	9,625	13,649	13,870	3,869	3,931	24,259	25,727	41,777	43,528
II. Percentages for each sex,	Males,	23·73	24·43	34·93	34·25	8·79	8·80	56·28	56·95	–	–
	Females,	19·84	19·78	30·39	29·49	9·73	9·25	59·88	61·26	–	–
III. Percentages for each period of life,		21·79	22·11	32·67	31·86	9·26	9·03	58·07	59·11	–	–
IV. Females to 1,000 males,		829	810	863	858	1,097	1,051	1,054	1,075	991	1,000

Between the ages of 20 and 30, the deaths of females exceeded those of males by 97, and for all other ages the deaths of females exceeded those of males by 933.

In tables 67 and 68 are presented the ratios of deaths at certain ages, as compared with the total number, for a period of twenty years. The percentage of deaths under one year was greater than that of 1889, and also greater than the average of the twenty years.

TABLE 67.—*Deaths at Different Ages.—Percentages.—Twenty Years.*

	Under 1 Year.	Under 5 Years.	20 to 30.	All Others.
1871,	21·46	34·01	10·57	55·43
1872,	23·96	38·75	10·76	50·49
1873,	23·33	36·49	10·46	53·05
1874,	23·49	36·58	9·88	53·54
1875,	22·05	36·76	9·33	53·91
1876,	20·19	35·19	9·07	54·74
1877,	20·24	35·94	9·47	54·59
1878,	19·77	34·50	9·05	56·45
1879,	18·41	31·95	9·29	58·76
1880,	20·34	34·58	9·27	56·15
1881,	20·27	32·80	10·01	57·19
1882,	20·22	31·21	10·16	58·63
1883,	19·89	31·39	10·04	58·57
1884,	20·91	32·33	9·61	58·06
1885,	20·03	31·41	9·16	59·42
1886,	21·07	31·61	9·45	58·94
1887,	20·29	32·28	9·51	58·23
1888,	21·07	32·09	9·49	58·42
1889,	21·79	32·67	9·28	58·07
1890,	22·11	31·86	9·03	59·11
Average,	21·08	33·59	9·62	56·79

The percentage of deaths under 5 was less than that of 1889, for the same period of life, and less than the average of the twenty years.

The percentage of deaths between 20 and 30 was less than that of 1889, and also less than the average. The percentage of all other deaths was greater than that of 1889, and also greater than the average.

TABLE 68. — *Deaths at Different Ages. — Twenty Years, 1871–1890.*

		Under 1 Year.	Under 5 Years.	20 to 30.	All Others.	Totals.
I. Deaths,	Males, . .	83,427	129,403	31,788	196,771	357,952
	Females, .	67,915	111,634	37,323	210,846	359,803
	Totals, .	151,366	241,061	69,111	407,610	717,782
	Unknown, .	369	373	1	5	379
II. Percentages, Each Sex,	Males, .	23·31	36·15	8·88	54·97	-
	Females,	18·87	31·03	10·37	58·60	-
III. Percentages for each period of life, . .		21·08	33·59	9·62	56·79	-
IV Females to 1,000 males,		814	863	1,174	1,071	1,006

Infant Mortality. — The number of deaths of infants under one year of age (9,625) was greater than that of any previous year since the beginning of registration. The ratio of deaths under one (22·11) to the total deaths was greater than that of the previous year, and was also greater than the average of the past twenty years.

As compared with the number of births, the ratio was 16·66 per cent., which was greater than that of 1889, and was also ·49 of one per cent. greater than the average of the past twenty years.

TABLE 69. — *Infant Mortality. — Twenty Years, 1871–1890.*

	Births.	Deaths under One Year.	Total Deaths.	Deaths under One Year to 100 Births.	Percentage of Deaths under One to Total Deaths.
1871, . . .	39,791	5,996	27,943	15·07	21·46
1872, . . .	43,235	8,390	35,019	19·41	23·96
1873, . . .	44,481	7,911	33,912	17·78	23·33
1874, . . .	45,631	7,489	31,887	16·41	23·49
1875, . . .	43,996	7,712	34,978	17·53	22·05
1876, . . .	42,149	6,700	33,186	15·89	20·19
1877, . . .	41,850	6,343	31,342	15·15	20·24
1878, . . .	41,238	6,189	31,303	15·01	19·77
1879, . . .	40,295	5,805	31,801	14·52	18·41
1880, . . .	44,217	7,190	35,292	16·26	20·34
1881, . . .	45,220	7,389	36,458	16·34	20·27
1882, . . .	45,670	7,438	36,785	16·30	20·22
1883, . . .	47,285	7,511	37,748	15·88	19·89
1884, . . .	48,615	7,735	36,990	15·91	20·91
1885, . . .	48,790	7,626	38,094	15·63	20·03
1886, . . .	50,788	7,848	37,244	15·45	21·07
1887, . . .	53,174	8,514	40,763	16·01	20·89
1888, . . .	54,893	8,870	42,097	16·16	21·07
1889, . . .	57,075	9,105	41,777	15·95	21·79
1890, . . .	57,777	9,625	43,528	16·66	22·11
Totals, . .	936,170	151,386	718,156	–	–
Average, . .	–	–	–	16·17	21·08

Table 70 presents the population of the State for the census years 1865–1885, for all specified ages, and also the deaths and death-rates per 1,000 living at the same ages for the same years.

For the purpose of comparison, the deaths for the years 1886, 1887, 1888, 1889 and 1890 at specified ages, are also given.

In table 71 are given the average age at death of all who have died in the State, by counties, for thirty-five years in quinquennial periods, and for each year separately since 1885.

There was a general increase in the average age in all the counties from the earlier to the later periods. As compared with the figures of 1889, there was an increase in the State at large; and in the counties there was an increase, in each of the counties except Barnstable, Dukes and Norfolk.

TABLE 70. — *Population, Deaths and Death-rates per 1,000 Living at Specified Ages, 1865–1885; and Deaths, 1886–1890.*

	All Ages.	Under 1.	Under 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 and Over.	Unknown.
Population, 1865, .	1,267,031	23,719	133,943	143,391	126,691	117,171	225,566	185,543	142,831	96,440	52,216	26,675	8,316	1,302
Deaths, 1865, . .	26,152	4,869	9,191	1,383	651	1,128	2,837	2,168	1,694	1,687	1,949	1,880	1,399	185
Death-rates, 1865, .	20·64	205·28	68·62	9·63	5·14	9·63	12·58	11·68	11·86	17·49	32·90	70·48	168·23	-
Population, 1870, .	1,457,351	32,987	156,889	139,796	143,371	142,184	274,859	214,151	162,689	108,348	68,401	31,895	9,727	41
Deaths, 1870, . .	27,329	6,206	9,873	825	556	1,027	2,833	2,275	1,947	1,837	2,058	2,196	1,654	198
Death-rates, 1870, .	18·75	188·13	62·92	5·90	3·74	7·22	10·48	10·62	11·96	16·95	30·08	68·85	170·04	-
Population, 1875, .	1,651,912	34,040	173,855	163,738	148,365	165,936	310,861	240,966	182,823	126,430	79,186	38,283	11,167	10,302
Deaths, 1875, . .	34,978	7,712	12,823	1,603	706	1,287	3,245	2,743	2,361	2,336	2,760	2,959	1,966	189
Death-rates, 1875, .	21·17	226·56	73·96	9·77	4·72	7·73	10·49	11·30	12·97	18·29	34·79	71·11	176·41	-
Population, 1880, .	1,783,085	37,587	179,307	171,595	161,425	167,595	343,701	264,413	203,515	142,053	91,619	44,337	13,525	-
Deaths, 1880, . .	35,292	7,190	12,213	1,463	611	1,104	3,269	721	2,384	2,538	3,104	3,243	2,489	1,513
Death-rates, 1880, .	19·79	191·28	68·11	8·52	3·78	6·58	9·51	10·29	11·71	17·86	33·89	73·14	184·02	-
Population, 1885, .	1,942,141	35,888	178,388	181,842	176,551	187,247	384,459	288,219	222,920	156,760	101,619	49,235	15,516	144
Deaths, 1885, . .	38,094	7,626	11,956	1,358	667	1,190	3,492	3,062	2,889	3,090	3,678	3,750	2,829	133
Death-rates, 1885, .	19·61	212·49	67·00	7·46	3·77	6·35	9·08	10·62	12·96	19·71	36·19	76·16	182·32	-
Deaths, 1886, . .	37,244	7,848	11,772	1,135	683	1,202	3,521	3,104	2,806	2,974	3,488	3,694	2,675	190
" 1887, . .	40,763	8,514	13,150	1,361	709	1,323	3,876	3,231	2,947	3,113	3,887	3,971	3,001	194
" 1888, . .	42,097	8,870	13,508	1,381	781	1,308	3,998	3,346	3,080	3,269	3,965	4,199	3,113	149
" 1889, . .	41,777	9,105	13,649	1,501	750	1,300	3,869	3,292	3,151	3,399	3,865	4,011	2,883	107
" 1890,* . .	43,528	9,625	13,870	1,282	697	1,361	3,931	3,552	3,396	3,642	4,286	4,247	3,115	149

* Up to the time of publication the statistics of the U. S. Census, relative to the distribution of the population for 1890, by ages, had not been received. Hence it is omitted in this report.

TABLE 71. — *Average Ages at Death, by Counties. — 1851–1890.*

YEARS.	State.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1851–1855 (mean), . .	27·07	30·63	33·07	28·08	39·36	28·14	35·56	28·94	34·32	25·47	37·45	28·02	32·68	20·10	29·61
1856–1860, ...	27·72	32·49	32·66	29·18	42·28	27·68	35·26	28·39	34·60	26·57	37·76	28·97	31·12	21·83	29·34
1861–1865, ...	28·14	34·23	32·09	29·27	43·56	28·08	27·29	27·37	32·16	27·29	44·61	27·63	33·30	23·00	28·81
1866–1870, ...	30·31	40·11	34·43	32·64	47·01	30·35	40·30	28·12	37·21	29·29	53·52	31·85	39·18	24·51	31·31
1871–1875, ...	29·34	40·05	33·25	30·22	48·72	30·17	39·56	26·15	34·60	28·26	54·28	33·39	39·25	23·68	32·07
1876–1880, ...	31·64	44·37	36·32	30·06	49·99	31·39	43·49	28·66	38·09	30·27	53·33	35·82	41·90	26·90	33·81
Average of 30 years, .	29·04	36·96	33·64	29·91	45·08	29·30	38·58	27·94	35·16	27·86	46·15	30·95	36·24	23·34	30·82
1881–1885, ...	33·37	49·34	35·85	32·04	50·77	34·77	43·50	28·36	40·05	33·12	51·96	39·03	42·72	28·55	34·33
1886–1890, ...	33·91	49·41	35·85	31·08	52·71	34·86	44·05	30·62	40·15	32·79	56·52	38·83	44·01	30·46	35·25
1890, ...	34·13	48·90	36·80	30·93	52·30	34·11	45·30	30·93	40·68	33·42	66·20	38·39	43·70	31·00	35·46

TABLE 72. — *Nativity of those whose Deaths were Registered in 1890, by Counties.*

COUNTIES.	Native-born.		Foreign-born.		Nativity not Stated.		Totals.	
	Nos.	Percentages.	Nos.	Percentages.	Nos.	Percentages.	Nos.	Totals.
Barnstable, .	528	93·12	34	6·00	5	·88	567	100·00
Berkshire, .	1,132	76·70	307	20·80	37	2·50	1,476	100·00
Bristol, . .	2,650	70·14	1,093	28·93	35	·93	3,778	100·00
Dukes, . .	95	85·59	9	8·11	7	6·30	111	100·00
Essex, . .	4,527	75·36	1,421	23·66	59	·98	6,007	100·00
Franklin, .	535	87·70	68	11·15	7	1·15	610	100·00
Hampden, .	1,911	72·03	711	26·80	31	1·17	2,653	100·00
Hampshire, .	742	77·37	209	21·80	8	·83	959	100·00
Middlesex, .	5,632	70·86	2,246	28·26	70	·88	7,948	100·00
Nantucket, .	74	92·50	6	7·50	–	–	80	100·00
Norfolk, .	1,530	77·75	423	21·49	15	·76	1,968	100·00
Plymouth, .	1,317	84·26	234	14·97	12	·77	1,563	100·00
Suffolk,. .	7,211	66·65	3,523	32·56	85	·79	10,819	100·00
Worcester, .	3,721	74·58	1,224	24·54	44	·88	4,989	100·00
Totals, .	31,605	72·61	11,508	26·44	415	·95	43,528	100·00

In tables 72 and 73 are presented the percentages of deaths, by nativity, for 1890, and also for a period of thirty-six years. In the former table it appears that the ratio of deaths of the native-born, to the total mortality of those whose parentage was known, was greatest in Barnstable, Nantucket, Franklin, Dukes and Plymouth counties, and least in Suffolk, Bristol, Middlesex and Hampden, in the order named.

TABLE 73. — *Nativity of Persons Deceased. — Thirty-six Years.*

	Total Deaths.*	Native-born.		Foreign-born.	
		Nos.	Percentages.	Nos.	Percentages.
1854-59 (annual mean), .	20,996	16,880	83·88	3,246	16·12
1860-65 " " .	25,459	21,243	84·92	3,772	15·08
1866-70 " " .	25,079	19,982	80·82	4,745	19·18
1871-75 " " .	32,747	25,941	80·09	6,584	19·90
1876-80 " " .	32,585	25,661	79·78	6,502	20·22
1881-85 " " .	37,135	28,190	76·41	8,702	23·59
1886-90 " " .	41,082	30,444	74·86	10,224	25·14
1890, ...	43,528	31,605	73·31	11,508	26·69

* Including those whose nativity was not recorded. In the calculations of percentages, the ratios are not given to the *total* reported deaths, but only to the total of those cases where the nativity was stated.

Deaths of persons reported as having lived one hundred years or more. — In table 74 are presented the names and other principal data relative to those persons who have died in the year 1890, who were reported as having attained the age of one hundred years or more; and in table 75 are also presented statistics relative to such decedents for a series of ten years (1881–1890).

The total number of those reported as having died between the ages of 100 and 101 during the last ten years was 68; between 101 and 102 it was 36; between 102 and 103, 37; between 103 and 104, 18; between 104 and 105, 10; and between 105 and 106, 17. Seven were reported to have lived beyond 110 years.

Of the whole number reported, 75·4 per cent. were females.

Of the whole number, 56·7 per cent. were of foreign birth.

Ninety and six-tenths per cent. of the whole had been married.

TABLE 74. — *Aged One Hundred Years or More. — Died in 1890.*

Date.		NAME.	AGE. Yrs.	Mos.	Place of Death.	Birthplace.	Whether Previously Married.
Jan.	12,	Margaret Vayo, m. n. Hohester,	100	8	Boston,	Morocco, Af.,	Married
"	18,	Lydia Bacon.	102	3	Sudbury,	Natick,	"
"	22,	Polly Osgood, m. n. Payne,	100		Amesbury,	Salisbury,	"
Feb.	7,	Cecelia Joyce,	104		Methuen,	Ireland,	"
March	6,	Elizabeth Lyons,	105		Chicopee,	"	"
"	6,	Mary W. Johnson, m. n. White,	101		Hubbardston,	Salisbury, Vt,	"
"	7,	Cynthia Hathaway,	101	1	Windsor,	Brookfield,	"
"	23,	Patrick Kearney,	100		South Hadley,	Ireland,	"
"	26,	John Scully,	103	4	Springfield,	"	"
"	28,	Joseph Hay,	100	2	Boston,	Charlestown,	"
April	5,	Julia Fitzgerald, m. n O'Brien,	108		Boston,	Ireland,	"
"	27,	Margaret Callahan,	100		Norwood,	"	"
May	9,	Catherine Clune, m. n Lynch,	100	4	Boston,	"	"
June	4,	Lucy W. Follett, m n. Rice,	101	1	Hubbardston,	Templeton,	"
"	9,	Dorothy Engram, m. n. White,	100	8	Chesterfield,	Goshen,	"
"	24,	Phoebe S. Houghton,	100	4	Easton,	Pepperell,	"
July	7,	Elizabeth White, m. n. Worth,	101		Newburyport,	Maine,	"
"	11,	Nicholas Costello,	108		Haverhill,	Ireland,	"
Aug.	31,	Joseph Brangor,	100		Hatfield,	Canada,	"
Oct.	4,	Honora Galvin,	102	5	Quincy,	Ireland,	"
"	9,	Lydia Ferrin, m. n. Raymond,	101	3	Boston,	Westford,	"
Nov.	4,	Margaret Grenough,	107		Easthampton,	Canada,	"
"	8,	Hannah Demon,	102	11	Dartmouth,	Nova Scotia,	"
Dec.	5,	Margaret Reilly,	102		Worcester,	Ireland,	Unknown.
"	12,	Lucretia Currer,	101	1	Hopkinton,	Milford,	Married

TABLE 75. — *Deaths of Persons Registered as having Lived One Hundred Years or More. — Ten Years, 1881–1890, Classified by Age, Sex, Nativity and Conjugal Condition.*

YEARS.	100-101 years.	101-102	102-103	103-104	104-105	105-106	106-107	107-108	108-109	109-110	110 yrs. and upwards.	Males.	Females.	Native.	Foreign.	Unknown.	Married.	Single.	Unknown.	White.	Colored.	Total.
1881, ...	7	2	2	3	2	2	–	2	–	1	–	6	15	8	10	3	20	1	–	21	–	21
1882, ...	9	4	6	1	2	2	1	1	–	–	1*	8	19	15	12	–	23	2	2	25	2	27
1883, ...	6	5	3	1	1	3	–	–	–	–	1†	4	16	5	15	–	18	2	–	19	1	20
1884, ...	2	2	1	3	–	1	–	–	–	–	–	1	8	4	5	–	7	2	–	9	–	9
1885, ...	5	1	4	1	1	2	–	–	–	1	1	5	11	7	9	–	14	2	–	16	–	16
1886, ...	6	5	5	1	–	2	–	1	–	–	1‡	5	16	9	12	–	20	1	–	21	–	21
1887, ...	4	5	3	1	1	2	–	–	–	–	1*	2	15	8	9	–	15	1	1	16	1	17
1888, ...	8	5	4	4	1	2	–	–	–	–	2§	7	19	12	14	–	23	2	1	25	1	26
1889, ...	9	3	6	1	1	1	–	–	–	–	–	7	14	6	15	–	20	1	–	21	–	21
1890, ...	12	4	3	2	1	–	1	2	–	–	–	5	20	11	14	–	24	–	1	24	1	25
Totals, . . .	68	36	37	18	10	17	2	6	–	2	7	50	153	85	115	3	184	14	5	197	6	203

* 111 years. † 112 years. ‡ 113 years. § One 113 years and one 118 years.

CAUSES OF DEATH.

The number of deaths the causes of which were not registered in 1890, was 515 out of a total of 43,528. This number was 1·19 per cent. only of the whole number of deaths registered, as compared with 1·17 per cent. in 1889, 1·28 per cent. in 1888, and 1·22 per cent. in 1887.

The following table (76) exhibits the percentage of deaths in which there was a failure to return the causes for a series of twenty years. This table shows a marked improvement since 1871, the percentage of failure to return the causes of death having been greatly diminished since that date. The table evinces a greater care on the part of registration officers during the latter years of the period, and also a better discrimination as to the causes of death on the part of the physicians who are responsible for the certificates of death.

TABLE 76.—*Deaths from Unknown or Unspecified Causes, and Percentages, 1871–1890 (20 Years).*

YEARS.	Total Deaths.	Deaths from Unknown Causes.	Percentage.	YEARS.	Total Deaths.	Deaths from Unknown Causes.	Percentage.
1871, . .	27,943	1,290	4·62	1881, . .	36,458	665	1·82
1872, . .	35,019	1,457	4·16	1882, . .	36,785	590	1·60
1873, . .	33,912	1,302	3·84	1883, . .	37,748	680	1·80
1874, . .	31,887	1,138	3·57	1884, . .	36,990	535	1·45
1875, . .	34,978	1,017	2·91	1885, . .	38,094	500	1·31
1876, . .	33,186	999	3·01	1886, . .	37,244	452	1·21
1877, . .	31,342	910	2·90	1887, . .	40,763	498	1·22
1878, . .	31,303	837	2·67	1888, . .	42,097	538	1·28
1879, . .	31,801	775	2·44	1889, . .	41,777	490	1·17
1880, . .	35,292	745	2·11	1890, . .	43,528	515	1·19
Average (1871–1880), .			3·21	Average (1881–1890), .			1·37

TABLE 77. — *Causes of Death, by Classes and Counties, 1890.*

COUNTIES.	ZYMOTIC.		CONSTITUTIONAL.		LOCAL.		* DEVELOPMENTAL.		VIOLENT.		UNSPECIFIED.		Totals.
	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	Numbers.	Percentages.	
THE STATE, . . .	8,079	18·56	9,211	21·16	19,509	44·82	4,396	10·10	1,814	4·17	519	1·19	43,528
Barnstable, . . .	77	13·58	118	20·81	277	48·85	63	11·11	22	3·88	10	1·77	567
Berkshire, . . .	294	19·92	258	17·48	653	44·24	134	9·08	76	5·15	61	4·13	1,476
Bristol, ...	720	18·06	735	19·46	1,754	46·43	421	11·14	126	3·33	22	·58	3,778
Dukes, ...	9	8·11	16	14·41	62	55·86	16	14·41	5	4·51	3	2·70	111
Essex, ...	1,144	19·05	1,249	20·79	2,623	43·66	601	10·01	322	5·36	68	1·13	6,007
Franklin, ...	85	13·93	113	18·53	279	45·74	91	14·92	28	4·59	14	2·29	610
Hampden, . . .	594	22·39	495	18·66	1,190	44·86	250	9·42	103	3·88	21	·79	2,653
Hampshire, . . .	225	23·46	170	17·73	425	44·32	103	10·74	29	3·02	7	·73	959
Middlesex, . . .	1,459	18·36	1,639	20·62	3,624	45·60	876	11·02	253	3·18	97	1·22	7,948
Nantucket, . . .	2	2·50	15	18·75	35	43·75	21	26·25	4	5·00	3	3·75	80
Norfolk, ...	330	16·77	419	21·29	892	45·33	203	10·32	104	5·28	20	1·01	1,968
Plymouth, . . .	243	15·56	333	21·32	740	47·38	184	11·78	41	2·62	21	1·34	1,563
Suffolk, ...	2,013	18·61	2,711	25·05	4,679	43·25	831	7·68	505	4·67	80	·74	10,819
Worcester, . . .	884	17·73	940	18·86	2,276	45·65	602	12·07	196	3·93	88	1·76	4,989

* Excluding the still-born.

In Table 77 the statistics of the causes of death are presented in five general classes or groups, for each of the fourteen counties, together with the deaths the cause of which was unknown.

By this table it appears that Berkshire, Nantucket, Dukes and Franklin counties returned the greatest percentages of deaths from unknown causes, and Bristol, Hampshire, Hampden and Suffolk returned the least percentages from such causes.

Of the 519 deaths which were classified as from unknown or ill-defined causes, 102 were registered as deaths from "hemorrhage," 52 from "tumor," 19 from "inflammation," and 342 were either registered as from an "unknown" cause, or the cause was not stated in the returns.

Of the class of diseases commonly known as *Zymotic*, Hampshire, Hampden, Berkshire, Bristol and Essex returned the highest percentages, and Nantucket, Dukes, Barnstable and Franklin, the lowest. The percentage in the whole State, as compared with the total mortality, was 18·56, while that of 1889 was 19·23.

The greatest decrease, comparing the statistics of 1890 with those of 1889, was found in Nantucket and Franklin counties, the decrease amounting to 6·69 and 3·32 per cent. respectively. In other counties the decrease was as follows: Bristol, ·89; Essex, ·59; Hampden, 12·5; Middlesex, 1·12, and Suffolk, 1·92. In the following counties there was an increase, Barnstable, 3·43; Berkshire, ·04; Dukes, ·24; Hampshire, 4·16; Norfolk, 1·69; Plymouth, 1·96, and Worcester, ·36.

In the class of *constitutional* diseases, Suffolk, Plymouth, and Norfolk counties returned the highest percentages, and Dukes, Berkshire, Franklin, and Hampshire counties the lowest.

In the class of *local* diseases, Barnstable, Dukes, Bristol, and Plymouth counties returned the highest percentages, and Essex, Nantucket, and Suffolk the lowest.

In the class of *developmental* diseases, Nantucket, Dukes, and Franklin presented the highest percentages, and Suffolk, Hampden, Berkshire, and Essex the lowest.

In table 78 are presented the percentages of each class of diseases, as compared with the total number of deaths from *specified causes* for a period of ten years for the State.

The percentage from the classes of local diseases and the deaths from violence was greater than the average of the ten-year period 1881–1890, while that of each of the other general classes was less.

TABLE 78. — *Percentage of Causes of Death, by Classes.** — *Ten Years.*

YEARS.	CLASSES.				
	Zymotic.	Constitutional.	Local.	Developmental.	Violent Deaths.
1881,	23·0	24·3	38·2	10·6	3·9
1882,	21·8	24·0	38·7	11·2	4·3
1883,	20·6	23·8	40·2	10·9	4·5
1884,	21·1	23·8	39·7	10·9	4·5
1885,	19·0	23·7	42·7	10·7	3·9
1886,	18·5	24·2	42·0	11·0	4·2
1887,	19·7	22·6	42·7	10·7	4·2
1888,	19·1	21·8	43·7	10·2	4·0
1889,	19·2	21·5	43·5	10·5	4·0
1890,	18·6	21·2	44·8	10·1	4·2
Average,	20·1	23·1	41·9	10·7	4·2

* Excluding deaths from unspecified causes, and still-births.

TABLE 79. — *Mortality from Prominent Zymotic Diseases.* — *Ten Years.*

YEARS.	DISEASES.									
	Dysentery.	Typhoid Fever.	Whooping-cough.	Croup.	Diphtheria.	Measles.	Scarlatina.	Cholera Infantum.	Small-pox.	Totals.
1881,	360	1,072	217	677	1,706	230	397	1,861	47	6,567
1882,	398	1,079	265	491	1,280	68	318	2,159	45	6,103
1883,	336	860	137	530	1,091	321	575	1,941	5	5,796
1884,	254	875	410	562	1,084	75	627	2,081	3	5,971
1885,	253	768	184	520	1,003	313	587	1,852	19	5,499
1886,	243	800	271	505	1,053	180	331	1,931	–	5,264
1887,	266	922	232	532	1,096	455	594	2,131	3	6,231
1888,	248	943	245	500	1,331	219	504	2,195	8	6,193
1889,	299	891	310	484	1,730	171	185	2,156	4	6,232
1890,	220	835	363	387	1,239	114	196	2,491	1	5,846
Average,	287	904	263	519	1,261	187	431	2,079	13	5,944

I. *Zymotic Diseases.* — In table 79 are presented the statistics of mortality from the principal zymotic or infectious diseases for the period of ten years, 1881–1890. By this table it appears that the sum of these deaths for the year 1890 was less by 386 than those of 1889 from the same causes. It was less than the sum of the same diseases in 1888, 1887, 1884, 1882 and 1881, and also less than the average of the ten-year period.

The mortality from dysentery was less than that of any year of the whole period of ten years.

The mortality from typhoid fever was less than of either 1887, 1888 or 1889, and also less than the average of the ten years from this cause.

The deaths from whooping-cough were greater than those of any year since 1884, and also greater than the average of the ten-year period.

The deaths from diphtheria were less than those of either 1888 or 1889, and also less than the average of the ten-year period.

There were but 114 deaths from measles, which was a smaller number than that of any year since 1884, when there were but 75. It was also less than the average of the ten-year period.

From scarlet-fever there were but 196 deaths, which was much less than that of any previous year since the beginning of registration except 1848 and 1889, in which years there were respectively but 176 and 185 deaths from this cause. The least number recorded in any previous year except 1889 for thirty years was 318 in 1882, while the number often exceeded 1,000 in the years previous to 1877, and in 1858 exceeded 2,000.

The deaths from cholera infantum were 2,491, which number was greater than that of any year since 1875, in which year the deaths from this cause numbered 2,606. The deaths in 1872, 1873 and 1874 from the same cause were also respectively 3,254, 2,553 and 2,322.

Small-pox caused but 1 death in 1890, as compared with an average of 13 for the ten-year period (1881–90).

Further statistics relative to the foregoing diseases will be found under their special subjects on later pages.

TABLE 80.—*Mortality from Principal Local Diseases.—Ten Years.*

YEARS.	DISEASES.									
	Apoplexy.	Paralysis.	Insanity.	Convulsions.	Heart Diseases.	Bronchitis.	Pleurisy.	Pneumonia.	Peritonitis.	Bright's Disease, Nephritis, and other Kidney Diseases.
1881, .	718	998	129	691	1,937	843	88	2,967	284	843
1882, .	706	1,047	153	687	2,025	867	102	2,932	307	900
1883, .	784	1,056	183	757	2,153	934	104	3,045	339	987
1884, .	857	1,119	166	752	2,117	849	65	2,646	307	1,032
1885, .	1,003	1,132	188	721	2,227	1,131	138	3,468	350	1,128
1886, .	973	1,173	151	799	2,469	1,020	100	2,836	320	1,161
1887, .	1,225	1,249	145	861	2,837	1,212	104	3,348	387	1,120
1888, .	1,233	1,277	204	847	3,061	1,326	118	3,716	415	1,318
1889, .	1,220	1,146	214	886	3,280	1,276	95	3,440	462	1,290
1890, .	1,301	1,235	188	889	3,579	1,533	113	4,038	484	1,303
Av'g, .	1,002	1,143	172	789	2,568	1,099	103	3,244	365	1,108

II. *Constitutional Diseases.*—There were 5,791 deaths recorded from consumption in 1890, which was 13·30 per cent. of the total mortality of the year, as compared with 13·36 in 1889, and 13·61 in 1888.

The deaths from cancer were 1,387, which was 3·19 of the total mortality as compared with 3·17 per cent. in 1889.

III. *Local Diseases.*—In table 80 are presented the statistics of the principal local diseases.

The number of deaths from the diseases of the *nervous* system presented in the foregoing tables was 3,613, which was 147 more than the number reported from similar causes in 1889, and also greater than those of any other year of the ten-year period (1881–1890).

The number reported from *apoplexy* was 1,301, which was 81 more than that of 1889, and also greater than that of any of the previous years of the period from the same cause.

The number of deaths from *paralysis* was 89 greater than that of 1889, but less than that of 1887 and 1888, and 92 more than the average number for the decennial period.

The number of deaths reported as due to *insanity* was 188, which was less than that of either 1888 or 1889, and greater by 16 than the average of the decennial period.

The deaths from *convulsions* were greater by 3 than those of 1889, and also greater than those of any other year of the decennial period.

The deaths from the group of *heart* diseases were 2,579, or 299 more than those of 1889, 518 more than those of 1888, 742 more than those of 1887, and 1,011 more than the average of the decennial period.

The number of deaths from the principal diseases of the *respiratory* organs — pneumonia, bronchitis and pleurisy, — was 5,684, which was 873 more than that of 1889, and 524 more than that of 1888.

From *bronchitis* there were 1,533 deaths, which was 257 more than those of 1889, 207 more than those of 1888, and 434 more than the average of the period.

From *pleurisy* there were 113 deaths, which was 18 more than those of 1889, 5 less than those of 1888, and 10 more than the average of the period.

From *pneumonia* there were 4,038 deaths, which was 598 more than those of 1889, 322 more than those of 1888, and 794 more than the average of the decennial period.

TABLE 81. — *Mortality from Chief Developmental Causes. — Ten Years.*

YEARS.	DISEASES.					
	Teething.	Still-born, Infantile, Premature.	Child-birth.	Abortion.	Puerp. Convulsions.	Old Age.
1881, . . .	193	2,078	156	10	49	1,816
1882, . . .	172	2,228	158	8	33	2,024
1883, . . .	127	2,288	150	5	43	1,968
1884, . . .	142	2,352	123	5	36	1,957
1885, . . .	129	2,286	206	13	43	2,007
1886, . . .	117	2,565	153	3	33	1,905
1887, . . .	108	2,620	114	6	27	1,961
1888, . . .	109	2,802	110	7	27	2,024
1889, . . .	82	2,932	164	3	38	1,873
1890, . . .	89	2,960	198	5	25	1,853
Average, . .	128	2,511	153	6	35	1,939

The deaths from *peritonitis* were 484, which was 22 more than those of 1889, 69 more than those of 1888, and 119 more than the average of the decennial period.

In the group of kidney diseases the number was 1,303, or 13 more than those of 1889, 5 less than those of 1888, and 195 more than the average of the period.

Developmental Causes. — The number of deaths reported as due to the indefinite cause, teething, was 89, which was 7 more than those of 1889 from the same cause, 20 less than those of 1888, and 39 less than the average of the ten-year period (1881–1890).

The number of deaths of infants reported as due to causes incident to the time of birth was 2,960, which was 28 more than that of 1889, 158 more than that of 1888, and 449 more than the average of the period of ten years.

The rate of increase from this group of causes should be compared with the birth-rate of the population, which has also increased with considerable uniformity from 24·91 per 1,000 of the population in 1881, the first year of the decennial period, to 25·81 in 1890, the last year of the same period, an actual increase of 12,557 births.

The number of deaths reported from old age was 1,853, which was less than that of any year since 1881, and 86 less than the average of the ten years (1881–1890).

The number of deaths from the causes incidental to childbirth was 228, as compared with 205 in 1889, 144 in 1888, and 147 in 1887, and an average of 194 for the decennial period.

If the number of deaths from puerperal fever (63) be added to the sum of the deaths from these causes, the ratio as compared with the total number of labors reported for 1890 is one in 195·1, as compared with one in 205·8 in 1889, one in 248·5 in 1888, one in 240·8 in 1887, and one in 186·1 in 1886.

Deaths from Violence. — The total mortality from the principal causes due to violence, either homicidal, suicidal or accidental, was 1,071, which was greater than that of any other year of the decade (1881–1890).

TABLE 82. — *Violent Deaths.* — *Ten Years.*

YEARS.	Burns and Scalds.	Poison.	Railroad Accidents.	Drowning and Lost at Sea.	Freezing.	Heat.	Lightning.	Homicide.	Suicide.	Totals.
1881, . . .	101	48	171	276	2	24	2	20	165	809
1882, . . .	107	44	182	355	11	25	5	21	162	912
1883, . . .	106	39	185	448	4	50	4	15	167	958
1884, . . .	112	39	186	426	3	34	3	18	184	1,005
1885, . . .	110	49	187	295	5	19	4	21	176	866
1886, . . .	107	52	210	372	1	16	7	20	149	934
1887, . . .	100	44	273	375	–	84	1	14	165	1,056
1888, . . .	113	62	265	349	3	17	3	16	164	992
1889, . . .	130	52	241	350	–	9	4	12	175	973
1890, . . .	134	63	274	366	–	30	6	18	180	1,071

The deaths of persons drowned and lost at sea were 366, which was less than those of either 1886 or 1887, but greater than those of 1888 or 1889.

Six deaths were reported as having been caused by lightning and 30 by heat.

The further discussion of this class of deaths will be found under the head of Medical Examiners' Returns.

TABLE 83. — *Mortality from Twelve Prominent Causes. — 1881–1890.*

CAUSES OF DEATH.	Deaths. 1890.	1890.	1889.	1888.	1887.	1886.	1885.	1884.	1883.	1882.	1881.
Pulmonary consumption,	5,791	1	1	1	1	1	1	1	1	1	1
Pneumonia,	4,038	2	2	2	2	2	2	2	2	2	2
Heart diseases,	3,579	3	3	3	3	3	3	3	3	4	3
Cholera infantum,	2,491	4	4	4	4	4	5	4	5	3	4
Old age,	1,853	5	5	5	5	5	4	5	4	5	5
Bronchitis,	1,533	6	10	8	9	11	9	11	11	12	11
Cancer,	1,387	7	8	11	10	9	10	9	9	10	10
Cephalitis,	1,317	8	7	6	6	7	6	7	7	9	8
Kidney diseases,	1,303	9	9	9	11	8	8	10	10	11	12
Apoplexy,	1,301	10	11	12	8	12	12	13	14	14	14
Diphtheria,	1,239	11	6	7	12	10	11	8	6	6	6
Paralysis,	1,235	12	12	10	7	6	7	6	8	8	9

Most Prominent Causes of Death. — In table 83 is presented in tabular form the relative position which each of twelve prominent causes of death held, in its incidence upon the population, for each year of the decennial period (1881–1890).

Consumption and pneumonia proved to be the most destructive causes of death throughout the period of ten years. Heart diseases maintained their places in the third rank in each year of the period except 1882.

Cholera infantum held the fourth place in 1890, 1889, 1888, 1887 and 1886, and varied from the third to the fifth place in the preceding years.

Old age held the fifth rank in nearly every year of the period.

Bronchitis has gradually advanced from the twelfth place in 1882 to the eighth in 1888, dropped to the tenth in 1889, and again advanced to the sixth in 1890.

Cancer has gradually fallen off from the eighth to the eleventh place and again risen to the seventh in 1890.

Cephalitis has maintained a comparatively uniform rank from the sixth to the ninth place during the ten-year period.

Kidney diseases have gradually advanced from the twelfth to the ninth place during the period.

Apoplexy advanced from the fourteenth place in 1881 to the eighth in 1887, dropped to the twelfth in 1888, and again advanced to the tenth in 1890.

Diphtheria has changed much in its comparative position in the table, from the sixth place in 1881 to the eleventh in 1890.

Paralysis also has changed much in its comparative rank, from the ninth place in 1881 and sixth in 1884 to the twelfth in 1890.

Typhoid fever, which held the fourth rank in 1872 and the sixth in 1873, has disappeared from the list. If the table were extended, this disease would hold the sixteenth position upon the list in 1890.

This group of twelve most destructive causes of death constituted 62·18 per cent. of the total deaths of the year 1890, as compared with 61·39 per cent. in 1889, 61·49 per cent. in 1888, 60·18 per cent. in 1887, and 60·25 per cent. in 1886.

The other prominent causes of death, in their relative order in 1890, were as follows: —

	Deaths.		Deaths.
13 Atrophy and debility, .	1,225	17 Enteritis, ...	763
14 Tabes mesenterica, .	951	18 Diarrhœa, ...	618
15 Convulsions, ...	889	19 Hydrocephalus, . . .	526
16 Typhoid fever, . . .	835	20 Peritonitis, ...	484

TABLE 84. — *Percentages of Total Mortality from Five Causes, by Counties.* — 1890.*

COUNTIES.	Total Deaths.	1.	2.	3.	4.	5.
THE STATE, .	43,528	Consumption, . 13·3	Pneumonia, . 9·3	Heart Diseases, 8·2	Cholera Inf'm, 5·7	Old Age, . . 4·3
Barnstable, .	567	Consumption, . 12·0	Heart Diseases, 9·3	Pneumonia, . 8·5	Old Age, . . 8·3	Paralysis, . . 6·5
Berkshire, .	1,476	Consumption, . 11·3	Pneumonia, . 11·2	Heart Diseases, 6·9	Old Age, . . 5·6	Cholera Inf'm, . 5·4
Bristol, . .	3,778	Consumption, . 11·5	Heart Diseases, 7·9	Cholera Inf'm, 7·8	Pneumonia, . 7·7	Atrophy, Debility, 4·9
Dukes, . .	111	Heart Diseases, 20·7	Old Age, . . 10·8	Consumption, . 10·0	Pneumonia, . 6·3	Paralysis, . . 5·4
Essex, . .	6,007	Consumption, . 12·3	Pneumonia, . 9·8	Heart Diseases, 8·4	Cholera Inf'm, 5·4	Old Age, . . 4·1
Franklin, .	610	Consumption, . 11·1	Heart Diseases, 9·9	Old Age, . . 8·7	Pneumonia, . 8·4	Cancer, . . 5·1
Hampden, .	2,653	Consumption, . 12·7	Pneumonia, . 10·1	Cholera Inf'm, 7·4	Heart Diseases, 6·6	Diphtheria, . . 3·3
Hampshire, .	959	Consumption, . 11·1	Pneumonia, . 10·7	Heart Diseases, 7·3	Diphtheria, . 6·9	Old Age, . . 6·6
Middlesex, .	7,948	Consumption, . 13·3	Heart Diseases, 9·0	Pneumonia, . 8·7	Cholera Inf'm, 6·1	Old Age, . . 4·3
Nantucket, .	80	Old Age, . . 26·2	Heart Diseases, 11·2	Consumption, . 11·2	Paralysis, . 8·7	Cancer, . . 7·5
Norfolk, .	1,968	Consumption, . 12·6	Heart Diseases, 10·0	Pneumonia, . 8·9	Old Age, . . 5·4	Cholera Inf'm, . 4·5
Plymouth, .	1,563	Consumption, . 13·4	Heart Diseases, 10·4	Old Age, . . 8·2	Pneumonia, . 6·6	Cholera Inf'm, . 5·1
Suffolk, .	10,819	Consumption, . 15·6	Pneumonia, . 10·1	Heart Diseases, 7·6	Cholera Inf'm, 4·9	Bronchitis, . . 4·3
Worcester, .	4,989	Consumption, . 13·0	Pneumonia, . 9·1	Heart Diseases, 7·6	Cholera Inf'm, 6·5	Old Age, . . 5·2

* Still-births and deaths from unspecified causes excluded.

In Table 84 are presented the ratios of the most destructive causes of death, as compared with the total mortality in each county, in 1890.

In all of the counties except Nantucket and Dukes, consumption was the most prominent cause, heart diseases taking the first place in Dukes County, and old age in Nantucket.

Pneumonia was the second destructive cause in six counties. It also held the third place in three counties and the fourth in four.

Old age was the first in the order of fatality in one county, the second in one, the third in two counties, the fourth in three, and the fifth in four counties.

Heart diseases held the first place in one county, the second place in seven counties, the third place in five counties, and the fourth in one county.

Cholera infantum held the third place in two counties, the fourth in four counties, and the fifth place in three counties.

Cancer appeared in the fifth place in two counties, and diphtheria rose to the fourth place in one county (Hampshire), and to the fifth in another county (Hampden).

TABLE 85. — *Deaths from the Five Most Destructive Causes, by Ages. — 1890.*

AGES.	Total Deaths.	1.	2.	3.	4.	5.
Under 5, .	13,870	Cholera Inf'm, 2,487	Pneumonia, . 1,079	Debility, . . 1,013	Cephalitis, . 870	Tabes Mesenterica, . . . 819
5 to 10, .	1,282	Diphtheria, . 385	Cephalitis, . 92	Pneumonia, . 77	Consumption, . 59	Croup, . . 58
10 to 15, .	697	Consumption, . 117	Diphtheria, . 102	Typhoid Fever, 55	Cephalitis, . 46	Heart Diseases, . 44
15 to 20, .	1,361	Consumption, . 520	Typhoid Fever, 146	Pneumonia, . 119	Heart Diseases, 73	Peritonitis, . . 45
20 to 30, .	3,931	Consumption, . 1,740	Pneumonia, . 347	Typhoid Fever, 288	Heart Diseases, 195	Kidney Diseases, 106
30 to 40, .	3,552	Consumption, . 1,244	Pneumonia, . 354	Heart Diseases, 278	Kidney Diseases, 158	Typhoid Fever, . 134
40 to 50, .	3,396	Consumption, . 800	Pneumonia, . 423	Heart Diseases, 391	Cancer, . . 216	Kidney Diseases, 163
50 to 60, .	3,642	Heart Diseases, 560	Consumption, . 474	Pneumonia, . 423	Cancer, . . 346	Kidney Diseases, 195
60 to 70, .	4,286	Heart Diseases, 710	Pneumonia, . 483	Cancer, . . 377	Consumption, . 344	Apoplexy, . . 342
70 to 80, .	4,247	Heart Diseases, 743	Old Age, . . 514	Pneumonia, . 415	Paralysis, . 345	Apoplexy, . . 328
Over 80, .	3,115	Old Age, . . 1,177	Heart Diseases, 336	Paralysis, . 259	Pneumonia, . 236	Apoplexy, . . 199
Not stated, .	149	–	–	–	–	–

In table 85 are presented the numbers of deaths from the most destructive causes, at the different periods of life, during 1890.

By this table it appears that consumption was the most destructive cause of death for all ages between 10 and 50 years. Cholera infantum was the most destructive cause among children under five, and diphtheria, for the next five years.

Heart disease was the chief cause of death from 50 to 80 years.

Pneumonia held the second place as a prominent cause among children under five years, and for the periods between 30 and 50 years, and 60 and 70 years. Heart diseases held the second position for all above 80.

Typhoid fever held the second position for ages between 15 and 20. Cephalitis held the second place for children between five and ten years. Diphtheria takes the second position for children between the ages of 10 and 15 years. Consumption has dropped from the third to the fourth position for ages between 60 and 70 years. Pneumonia was the third prominent cause for ages between 5 and 10, 15 and 20, 50 to 60, and from 70 to 80.

While this table has a certain value for the purpose of comparing the destructiveness of certain diseases at definite periods of life, it has but little significance for the purpose of comparing those periods with each other; since, as will be seen by a later table, no account is taken of the number of persons living at those periods.

TABLE 86. — *Number of Deaths from Several Specified Causes, of Each Sex, in Each Month and at Different Specified Periods of Life, which were Registered during the Year 1890.*

	THE YEAR 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid Fever.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals,	1	114	196	1,239	387	835	220	2,491	5,791	4,038
SEX.	Males,	–	56	100	595	201	456	97	1,336	2,717	2,012
	Females,	1	58	96	644	186	379	123	1,155	3,074	2,026
MONTHS.	January,	–	7	24	168	49	50	9	13	733	1,072
	February,	–	6	14	153	37	41	3	9	477	397
	March,	–	7	24	124	47	43	8	12	530	396
	April,	–	10	17	123	25	43	3	18	512	452
	May,	–	13	24	134	25	32	6	17	488	285
	June,	1	17	8	79	22	47	6	46	451	191
	July,	–	15	11	74	17	40	26	767	446	138
	August,	–	8	13	51	23	69	61	1,058	437	108
	September,	–	8	9	60	22	133	57	413	436	113
	October,	–	3	15	87	33	120	27	104	418	210
	November,	–	7	17	83	36	110	9	25	424	265
	December,	–	13	20	103	51	107	5	9	439	411

	Totals,	1	114	196	1,239	387	835	220	2,491	5,791	4,038
AGES.	Under 5,	–	93	117	660	323	27	71	2,491	262	1,079
	5 to 10,	–	6	46	385	58	30	5	–	59	77
	10 to 15,	–	1	16	102	3	55	1	–	117	33
	15 to 20,	1	3	11	29	1	146	2	–	520	119
	20 to 30,	–	3	6	35	–	288	7	–	1,740	347
	30 to 40,	–	3	–	8	1	134	4	–	1,244	354
	40 to 50,	–	1	–	12	–	63	12	–	800	423
	50 to 60,	–	3	–	5	–	33	21	–	474	464
	60 to 70,	–	1	–	1	–	34	27	–	344	483
	70 to 80,	–	–	–	2	1	19	37	–	166	415
	Over 80,	–	–	–	–	–	6	33	–	52	236
	Not stated,	–	–	–	–	–	–	–	–	13	8

TABLE 87. — *Percentage of Deaths from Several Specified Causes, of Each Sex, in Each Month, which were registered during the Year 1890.*

	THE YEAR 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid Fever.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals,	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00
SEX.	Males,	–	49·12	51·02	48·02	51·94	54·61	44·09	53·63	46·92	49·82
	Females,	100·00	50·88	48·98	51·98	48·06	45·39	55·91	46·37	53·08	50·18
MONTHS.	January,	–	6·14	12·25	13·56	12·66	5·99	4·09	·52	12·66	26·54
	February,	–	5·27	7·15	12·35	9·56	4·91	1·36	·36	8·24	9·83
	March,	–	6·14	12·25	10·01	12·14	5·15	3·64	·48	9·15	9·81
	April,	–	8·77	8·67	9·93	6·46	5·15	1·36	·72	8·84	11·19
	May,	–	11·40	12·25	10·82	6·46	3·83	2·73	·68	8·43	7·07
	June,	100·00	14·91	4·08	6·38	5·69	5·63	2·73	1·85	7·79	4·73
	July,	–	13·16	5·61	5·97	4·39	4·79	11·82	30·79	7·70	3·42
	August,	–	7·02	6·63	4·11	5·94	8·26	27·73	42·47	7·54	2·67
	September,	–	7·02	4·59	4·84	5·69	15·93	25·91	16·58	7·53	2·80
	October,	–	2·63	7·65	7·02	8·53	14·37	12·27	4·18	7·22	5·20
	November,	–	6·14	8·67	6·70	9·30	13·17	4·09	1·01	7·32	6·56
	December,	–	11·40	10·20	8·31	13·18	12·82	2·27	·36	7·58	10·18

Mortality at Each Age-period compared with the Population living at Each Period, expressed as a Ratio per 10,000 of the Living Population (1890).

Ages.											
Under 5,	–	5·23	6·56	37·00	18·11	1·51	3·98	139·68	14·62	60·50
5 to 10,	–	·33	2·53	21·17	3·19	1·65	·27	–	3·24	4·23
10 to 15,	–	·06	·91	5·77	·17	3·11	·06	–	6·62	1·87
15 to 20,	·05	·16	·59	1·55	·05	7·80	·11	–	27·77	6·35
20 to 30,	–	·08	·16	·91	–	7·48	·18	–	45·23	9·02
30 to 40,	–	·10	–	·28	·03	4·66	·14	–	43·31	12·32
40 to 50,	–	·04	–	·54	–	2·83	·54	–	35·88	18·97
50 to 60,	–	·19	–	·32	–	2·11	1·34	–	30·24	29·60
60 to 70,	–	·10	–	·10	–	3·34	2·65	–	33·85	47·53
70 to 80,	–	–	–	·41	·20	3·86	7·52	–	33·72	84·30
Over 80,	–	–	–	–	–	3·87	21·26	–	33·51	152·05
Not stated,	–	–	–	–	–	–	–	–	–	–

TABLE 88. — *Number of Deaths from Several Specified Causes, of Each Sex, in Each Month, and at Different Specified Periods of Life, which were Registered during Twenty-eight Years (1863–1890).*

	THE YEAR 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid Fever.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals,	3,330	5,649	22,992	30,661	14,977	29,339	14,568	52,764	149,464	69,465
SEX.	Males,	1,987	2,830	11,439	14,683	7,913	15,342	7,102	28,081	67,871	35,298
	Females,	1,340	2,817	11,548	15,970	7,061	13,993	7,456	24,648	81,581	34,163
	Unknown,	3	2	5	8	3	4	10	35	12	4
MONTHS.	January,	473	392	2,663	3,240	1,813	1,906	152	233	12,975	8,970
	February,	296	454	2,274	2,572	1,437	1,532	154	193	11,961	8,282
	March,	279	546	2,595	2,342	1,485	1,675	175	257	13,787	9,538
	April,	273	715	2,373	2,239	1,201	1,623	188	279	13,287	8,659
	May,	313	806	2,269	2,271	942	1,518	209	400	13,312	6,731
	June,	204	734	1,746	2,082	670	1,362	402	1,390	11,463	3,636
	July,	184	686	1,335	1,815	515	1,673	2,174	15,267	11,866	2,492
	August,	115	400	1,118	1,731	559	3,128	5,044	20,636	12,344	2,053
	September,	154	175	1,039	2,268	885	4,374	3,874	10,396	12,139	2,519
	October,	221	149	1,426	3,279	1,547	4,674	1,582	2,881	12,216	3,931
	November,	313	235	1,902	3,339	1,937	3,351	415	572	11,771	5,432
	December,	505	356	2,248	3,480	1,986	2,511	195	258	12,323	7,218
	Not stated,	–	1	4	3	–	12	4	2	20	4

	Totals,	3,330	5,649	22,992	30,661	14,977	29,339	14,568	52,764	149,464	69,465
AGES.	Under 5,	1,078	4,581	15,187	17,032	12,693	2,230	7,314	52,764	7,945	22,115
	5 to 10,	234	492	5,673	8,941	2,061	1,763	941	–	1,449	1,931
	10 to 15,	112	98	1,152	2,312	121	2,190	271	–	2,770	772
	15 to 20,	285	108	407	730	22	4,327	222	–	13,870	1,684
	20 to 30,	886	168	356	700	16	7,666	511	–	43,327	4,522
	30 to 40,	343	60	110	384	18	3,522	534	–	29,266	5,196
	40 to 50,	146	46	25	191	8	2,261	605	–	18,823	5,926
	50 to 60,	98	25	22	122	8	1,788	759	–	12,882	6,569
	60 to 70,	58	21	11	117	2	1,712	1,075	–	10,751	8,171
	70 to 80,	31	25	4	57	3	1,296	1,338	–	6,422	8,016
	Over 80,	18	8	1	13	2	467	938	–	1,451	4,359
	Not stated,	41	17	44	62	23	117	60	–	508	204

TABLE 89. — *Percentages of Deaths. — Twenty-eight Years (1863–1890).*

	THE YEAR 1890.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Croup.	Typhoid Fever.	Dysentery.	Cholera Infantum.	Consumption.	Pneumonia.
	Totals,	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00	100·00
SEX.	Males,	59·67	50·10	49·75	47·89	52·83	52·29	48·75	53·22	45·41	50·81
	Females,	40·24	49·86	50·23	52·08	47·15	47·70	51·18	46·71	54·58	49·18
	Unknown,	·09	·04	·02	·03	·02	·01	·07	·07	·01	·01
MONTHS.	January,	14·20	6·94	11·58	10·57	12·11	6·50	1·04	·44	8·68	12·91
	February,	8·89	8·04	9·89	8·39	9·59	5·22	1·06	·37	8·00	11·92
	March,	8·38	9·67	11·29	7·64	9·92	5·71	1·20	·49	9·22	13·73
	April,	8·20	12·65	10·32	7·30	8·02	5·53	1·29	·53	8·89	12·46
	May,	9·40	14·27	9·87	7·41	6·29	5·18	1·44	·76	8·91	9·69
	June,	6·13	12·99	7·60	6·79	4·47	4·64	2·76	2·64	7·67	5·23
	July,	5·53	12·14	5·81	5·92	3·44	5·70	14·92	28·93	7·94	3·59
	August,	3·45	7·08	4·87	5·64	3·73	10·66	34·62	39·11	8·26	2·96
	September,	4·62	3·10	4·82	7·40	5·91	14·91	26·59	19·70	8·12	3·63
	October,	6·64	2·64	6·20	10·69	10·33	15·93	10·86	5·46	8·17	5·66
	November,	9·40	4·16	8·35	10·89	12·93	11·42	2·85	1·08	7·88	7·82
	December,	15·16	6·30	9·78	11·35	13·26	8·56	1·34	·49	8·25	10·39
	Not stated,	–	·02	·02	·01	–	·04	·03	–	·01	·01

Average Annual Mortality at Each Age-period compared with the Population at Each Period, expressed as a Ratio per 10,000 of the Living Population (1863–1890).

Ages.										
Under 5,	2·34	9·94	32·97	36·99	27·56	4·84	15·89	114·59	17·25	48·02
5 to 10,	·52	1·10	12·66	19·95	4·60	3·93	2·10	–	3·23	4·30
10 to 15,	·26	·23	2·69	5·42	·28	5·13	·64	–	6·49	1·81
15 to 20,	·65	·25	·93	1·67	·05	9·90	·51	–	31·75	3·85
20 to 30,	1·02	·19	·41	·81	·02	8·89	·59	–	50·25	5·24
30 to 40,	·51	·09	·16	·57	·03	5·27	·80	–	43·83	7·78
40 to 50,	·28	·09	·05	·37	·02	4·41	1·18	–	36·74	11·56
50 to 60,	·28	·07	·06	·35	·02	5·07	2·15	–	36·51	18·62
60 to 70,	·26	·09	·05	·52	·01	7·64	4·80	–	48·00	36·47
70 to 80,	·29	·23	·04	·53	·03	12·15	12·54	–	60·22	75·16
Over 80,	·55	·24	·03	·40	·06	14·32	28·76	–	44·48	133·63

Contribution of Each Age-period to 100 Deaths (1863–1890).

Ages.										
Under 5,	32·37	81·09	66·05	55·55	84·75	7·60	50·21	100·00	5·32	31·84
5 to 10,	7·03	8·71	24·67	29·16	13·77	6·01	6·46	–	·97	2·78
10 to 15,	3·37	1·74	5·01	7·54	·81	7·46	1·86	–	1·85	1·11
15 to 20,	8·56	1·91	1·77	2·38	·15	14·75	1·52	–	9·28	2·42
20 to 30,	26·61	2·98	1·55	2·28	·11	26·13	3·51	–	28·99	6·51
30 to 40,	10·29	1·06	·48	1·25	·12	12·00	3·67	–	19·58	7·48
40 to 50,	4·39	·82	·11	·62	·05	7·71	4·15	–	12·59	8·53
50 to 60,	2·94	·44	·10	·40	·05	6·09	5·21	–	8·62	9·46
60 to 70,	1·74	·37	·05	·39	·01	5·84	7·38	–	7·19	11·76
70 to 80,	·93	·44	·02	·19	·02	4·42	9·18	–	4·30	11·54
Over 80,	·54	·14	–	·04	·01	1·59	6·44	–	·97	6·28
Not stated,	1·23	·30	·19	·20	·15	·40	·41	–	·34	·29

The foregoing tables present the statistics of mortality from certain specified causes for the year 1890, and also for a period of twenty-eight years (1863–1890).

These tables present the number of deaths from each of ten diseases, by sex, by months and by ages, together with the percentages for each sex, each month and each age-period. To these tables another has been added in each year since 1887, in which the mortality at each age-period is compared with the number living at such period. The value of such a table in estimating the actual incidence of any one of the diseases presented in the table is more fully illustrated in the Forty-sixth Registration Report (1887), pages 363–365.

The diseases grouped in these tables are small-pox, measles, scarlet-fever, diphtheria, croup, typhoid fever, dysentery, cholera infantum, consumption and pneumonia.

TABLE 90.—*Mortality from Small-pox.—Forty Years.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1851, . .	117	·61	1·2	1871, . .	294	1·05	1·9
1852, . .	33	·18	·3	1872, . .	1,029	2·94	6·7
1853, . .	38	·19	·3	1873, . .	668	1·97	4·3
1854, . .	207	·97	1·9	1874, . .	26	·08	·2
1855, . .	325	1·56	2·9	1875, . .	34	·09	·2
1856, . .	140	·68	1·2	1876, . .	31	·09	·2
1857, . .	23	·11	·2	1877, . .	24	·08	·15
1858, . .	12	·10	·1	1878, . .	2	·007	·012
1859, . .	255	1·22	2·1	1879, . .	7	·02	·04
1860, . .	334	1·45	2·7	1880, . .	38	·11	·21
1861, . .	33	·14	·3	1881, . .	47	·13	·25
1862, . .	40	·17	·3	1882, . .	45	·12	·24
1863, . .	42	·15	·3	1883, . .	5	·01	·03
1864, . .	242	·84	1·9	1884, . .	3	·008	·01
1865, . .	221	·84	1·7	1885, . .	19	·05	·10
1866, . .	141	·59	1·1	1886, . .	–	–	–
1867, . .	196	·82	1·5	1887, . .	3	·007	·015
1868, . .	20	·08	·2	1888, . .	8	·019	·04
1869, . .	59	·22	·4	1889, . .	6	·014	·03
1870, . .	131	·48	·9	1890, . .	1	·002	·005
Totals 1851–70,	2,609	–	–	Totals 1871–90,	2,290	–	–
Average,. .		·56	1·06	Average,. .	–	·32	·63

Small-pox. — There was but one death from this disease during the year, and that occurred in Suffolk County, as compared with 6 deaths in 1889, 8 in 1888, 3 in 1887, and none in 1886.

Compared with the living population, the death-rate from this disease for the twenty years, 1851–1870, was 1·06 per 10,000, and for the twenty years, 1871–1890, it was ·63 per 10,000, — a very decided reduction, notwithstanding the serious epidemic of 1872, in which year occurred nearly one-half of the deaths reported from this disease for the second period in question. The percentage of deaths from this cause to deaths from all causes for the same periods was ·56 of one per cent. for the former, and ·32 of one per cent. for the latter period.

The following are the average annual ratios of the deaths from this disease to the population at the different ages of life, the deaths at each age-period being compared with the persons living at the same period.

These ratios present results similar to those of other countries in which vaccination is partially enforced. The large ratio of deaths of children under 5 years corresponds to the experience of partially vaccinated populations, and the increasing ratio at the ages 10–30 undoubtedly indicates a neglect of re-vaccination at a time when the renewed susceptibility to small-pox has not been met by re-vaccination of persons living at those ages.

Ratio of Deaths from Small-pox to 10,000 Persons Living at Each Age-period. (Massachusetts, 1863–1890.)

Ages.	Ratio.
Under 5,	2·34
5–10,	·52
10–15,	·26
15–20,	·65
20–30,	1·02
30–40,	·51
40–50,	·28
50–60,	·28
60–70,	·26
70–80,	·29
Over 80,	·55

Measles. — The number of deaths from measles registered in 1890 was 114, which was much less than that of any year since 1884, when it was but 75.

The mortality-rate from measles for 1890 as compared with the total mortality was ·26 of one per cent.; it was ·41 in 1889, ·52 in 1888, 1·12 in 1887, ·35 in 1886, and the annual average was ·62 for the period of thirty years (1861–1890).

TABLE 91. — *Mortality from Measles. — Thirty Years. — 1861–1890.*

YEARS.	Deaths.	Deaths to 100 Deaths from all Causes.	Death-rates Per 10,000 Living.	YEARS.	Deaths.	Deaths to 100 Deaths from all Causes.	Death-rates Per 10,000 Living.
1861, . .	209	·86	1·7	1876, .	47	·14	·3
1862, . .	369	1·59	2·9	1877, .	135	·44	·8
1863, . .	142	·51	1·1	1878, .	305	1·00	1·8
1864, . .	320	1·13	2·5	1879, .	19	·06	·1
1865, . .	136	·52	1·1	1880, .	236	·67	1·3
1866, . .	109	·46	·8	1881, .	230	·63	1·3
1867, . .	194	·85	1·5	1882, .	68	·19	·4
1868, . .	287	1·12	2·1	1883, .	321	·85	1·7
1869, . .	222	·85	1·6	1884, .	75	·23	·4
1870, . .	269	·98	1·8	1885, .	313	·82	1·6
1871, . .	131	·47	·9	1886, .	130	·35	·6
1872, . .	428	1·22	2·8	1887, .	455	1·12	2·3
1873, . .	180	·53	1·1	1888, .	219	·52	1·1
1874, . .	161	·50	1·0	1889, .	171	·41	·8
1875, . .	233	·67	1·4	1890, .	114	·26	·5
Average of thirty years, ...					207	·62	1·25

Compared with the living population of 1890 it was ·5 per 10,000; that of 1889 being ·8; that of 1888 being 1·1; that of 1887, 2·3; that of 1886, ·6; and the average of the thirty years, 1·25 per 10,000.

Of the 114 deaths from this cause in 1890, 86, or 75·4 per cent., occurred in Bristol, Essex, Hampden and Suffolk counties. No deaths were registered from this cause in 1890 in Dukes, Franklin, Hampshire and Nantucket counties.

The mortality-rate from this disease, compared with the population at each age-period, was 9·94 per 10,000, annually, for children under 5 years of age, for the twenty-eight years from 1863 to 1890, the ratio diminishing rapidly until the age-period 50–60, when it was but ·07 per 10,000, and then increasing slightly to the older ages.

Scarlet-fever. — The number of deaths registered from this disease in 1890 was 196, which was 11 more than that of 1889, and less than that of any year except 1848 and 1889 since the beginning of registration.

TABLE 92.—*Mortality from Scarlet-fever, by Counties.—1889 and 1890.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1889.	1890.		1889.	1890.
Barnstable, . .	–	3	Middlesex, . .	37	43
Berkshire, . . .	32	25	Nantucket, . .	–	–
Bristol, . . .	39	3	Norfolk, . . .	5	7
Dukes, . . .	–	–	Plymouth, . .	3	2
Essex, . . .	19	16	Suffolk, . . .	26	48
Franklin, . . .	5	1	Worcester, . .	13	33
Hampden, . . .	4	13			
Hampshire, . .	2	2	The State, . .	185	196

The ratio of mortality from scarlet-fever, compared with the total mortality, was ·45 per cent. It was scarcely one-sixth of the average rate of mortality from this disease for the past thirty years. Compared with the living population, the mortality-rate of scarlet-fever was ·85 per 10,000. These two ratios for 1889 and 1890 were nearly identical, and were very much less than those of any previous year since the beginning of registration.

There were no deaths from scarlet-fever during the year in Dukes and Nantucket counties.

TABLE 93.—*Mortality from Scarlet-fever.—1861–1890.*

YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentages of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1861, . .	1,137	4·66	9·2	1876, . .	1,222	3·79	7·4
1862, . .	1,261	5·42	10·1	1877, . .	467	1·53	2·8
1863, . .	1,399	5·01	11·1	1878, . .	404	1·33	2·4
1864, . .	1,503	5·21	11·9	1879, . .	850	2·63	4·9
1865, . .	807	3·06	6·4	1880, . .	574	1·63	3·2
1866, . .	385	1·58	2·9	1881, . .	397	1·09	2·2
1867, . .	828	3·63	6·2	1882, . .	318	·87	1·7
1868, . .	1,369	5·35	9·1	1883, . .	575	1·52	3·5
1869, . .	1,405	5·39	9·9	1884, . .	627	1·69	3·3
1870, . .	683	2·49	4·7	1885, . .	587	1·54	3·0
1871, . .	867	3·10	5·8	1886, . .	331	·89	1·7
1872, . .	1,377	3·93	8·9	1887, . .	594	1·46	2·9
1873, . .	1,472	4·34	9·4	1888, . .	504	1·19	2·5
1874, . .	1,382	4·33	8·6	1889, . .	185	·44	·85
1875, . .	1,684	4·81	10·2	1890, . .	196	·45	·87
Average, ...					844	2·61	5·11

The mortality-rate from this disease for the early period of life was as follows: For children under 5 years of age, 6·56 per 10,000 living at that age in 1890, and 32·97 per 10,000 for the period of twenty-eight years, 1863–1890. For the age-period 5 to 10 years, it was 2·53 per 10,000 for the year 1890, and 12·66 for the twenty-eight-year period, 1863–1890. These ratios are very much less than those of the years previous to 1889.

The greatest mortality from scarlet-fever in 1890 was in the months of January, March and May, and the least in June, the deaths in the different months being as follows, successively: January, 24; February, 14; March, 24; April, 17; May, 24; June, 8; July, 11; August, 13; September, 9; October, 15; November, 17; December, 20.

Diphtheria and Croup.—The number of deaths from these combined causes in 1890 was 1,626, which was 588 less than that of 1889, 205 less than that of 1888, and 2 less than that of 1887.

TABLE 94.—*Deaths from Diphtheria and Croup, by Counties.—1889 and 1890.*

COUNTIES.	DEATHS FROM DIPHTHERIA AND CROUP.		COUNTIES.	DEATHS FROM DIPHTHERIA AND CROUP.	
	1889.	1890.		1889.	1890.
Barnstable, . .	3	3	Middlesex, . .	434	210
Berkshire, . .	31	48	Nantucket, . .	3	–
Bristol, . .	89	101	Norfolk, . .	89	96
Dukes, . . .	1	–	Plymouth, . .	60	40
Essex, . . .	340	268	Suffolk, . .	708	473
Franklin, . .	20	14	Worcester, . .	192	159
Hampden, . .	179	138			
Hampshire, . .	65	76	The State, .	2,314	1,626

Compared with the mortality from these combined causes in 1889, there was an increase in Berkshire, Bristol and Hampshire, and a decrease in the remaining counties, except Barnstable, in which there were but three deaths from these causes in each year.

The death-rate from these combined causes, compared with *the total* mortality, was less than that of any year since 1874.

From croup, the mortality-rate, compared with the mortality

from all causes, was much less than that of any year for the past thirty years, while that from diphtheria was less than that of 1888 and 1889, but greater than that of either 1885, 1886, or 1887.

The mortality-rate for diphtheria at the different ages of life is indicated by the following annual ratios per 10,000 of the population living at the same ages, for the period of twenty-eight years, 1863–1890: 36·99, 19·95, 5·42, 1·67, ·81, ·57, ·37, ·35, ·52, ·53, ·40.

The mortality from these combined causes, by months, for 1890, was as follows: —

January, 217; February, 190; March, 171; April, 148; May, 159; June, 101; July, 91; August, 74; September, 82; October, 120; November, 119; December, 154.

TABLE 95. — *Mortality from Diphtheria and Croup — Thirty Years.*

YEARS.	Deaths.			Percentages of Deaths from all Causes.			Deaths to Every 10,000 Living.		
	Croup.	Diphtheria.	Totals.	Croup.	Diphtheria.	Totals.	Croup.	Diphtheria.	Totals.
1861, .	461	643	1,104	1·89	2·64	4·53	3·7	5·2	8·9
1862, .	484	663	1,147	2·08	2·85	4·93	3·9	5·3	9·2
1863, .	864	1,420	2,284	3·09	5·08	8·17	6·9	11·3	18·2
1864, .	768	1,231	1,999	2·66	4·27	6·93	6·1	9·8	15·9
1865, .	504	672	1,176	1·91	2·56	4·47	4·0	5·3	9·3
1866, .	431	399	830	1·79	1·65	3·44	3·3	3·1	6·4
1867, .	366	251	607	1·53	1·07	2·60	2·6	1·9	4·5
1868, .	485	297	782	1·92	1·18	3·10	3·5	2·2	5·7
1869, .	473	296	769	1·84	1·15	2·99	3·3	2·1	5·4
1870, .	434	242	676	1·61	·89	2·50	2·9	1·7	4·6
1871, .	473	274	747	1·69	·97	2·66	3·2	1·8	5·0
1872, .	480	273	753	1·38	·78	2·16	3·1	1·8	4·9
1873, .	435	310	745	1·28	·92	2·20	2·8	1·9	4·7
1874, .	411	502	913	1·28	1·56	2·84	3·5	3·1	5·6
1875, .	680	1,200	1,880	1·92	3·39	5·31	4·1	7·3	11·4
1876, .	684	2,610	3,294	2·13	8·11	10·24	4·1	15·8	19·9
1877, .	544	2,634	3,178	1·78	8·65	10·43	3·3	15·8	19·1
1878, .	583	1,934	2,517	1·91	6·35	8·26	3·4	11·6	15·0
1879, .	559	1,734	2,293	1·69	5·24	6·93	3·3	10·1	13·4
1880, .	625	1,769	2,394	1·77	5·01	6·78	3·6	9·9	13·5
1881, .	677	1,706	2,383	1·88	4·67	6·55	3·2	9·4	12·6
1882, .	491	1,280	1,771	1·33	3·48	4·81	2·6	6·9	9·5
1883, .	530	1,091	1,621	1·40	2·89	4·29	2·8	5·8	8·6
1884, .	562	1,084	1,646	1·52	2·93	4·45	2·9	5·6	8·5
1885, .	520	1,003	1,523	1·36	2·62	3·98	2·7	5·1	7·8
1886, .	505	1,053	1,558	1·36	2·82	4·18	2·6	5·3	7·9
1887, .	532	1,096	1,628	1·30	2·68	3·99	2·6	5·5	8·1
1888, .	500	1,331	1,831	1·19	3·16	4·35	2·4	6·5	9·0
1889, .	484	1,730	2,214	1·16	4·14	5·30	2·2	8·0	10·2
1890, .	387	1,239	1,626	·89	2·85	3·74	1·7	5·5	7·3

Typhoid Fever. — The number of deaths from this disease in 1890 was 835, which was 56 less than that of 1889, 108 less than that of 1888 and 87 less than that of 1887.

The ratio of mortality from typhoid fever to the total mortality was 1·92, which was less than that of any previous year of the past thirty years.

Compared with the living population the ratio was 3·7 per 10,000, which was less than that of any one of the past thirty years except 1879.

TABLE 96. — *Mortality from Typhoid Fever. — 1860–1890. — Thirty Years.*

YEARS.	Deaths.	Percentage of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.	YEARS.	Deaths.	Percentage of Deaths to Deaths from all Causes.	Death-rates per 10,000 Living.
1861, . .	989	4·06	7·9	1876, . .	881	2·74	5·3
1862, . .	1,135	4·88	9·1	1877, . .	814	2·67	4·9
1863, . .	1,442	5·16	11·5	1878, . .	679	2·23	4·1
1864, . .	1,344	4·66	10·7	1879, . .	637	1·94	3·7
1865, . .	1,694	6·43	13·4	1880, . .	882	2·49	4·9
1866, . .	1,091	4·53	8·4	1881, . .	1,072	2·94	5·9
1867, . .	965	4·24	7·2	1882, . .	1,079	2·94	5·6
1868, . .	896	3·49	6·5	1883, . .	860	2·28	4·5
1869, . .	1,205	4·62	8·5	1884, . .	875	2·35	4·5
1870, . .	1,333	4·88	9·1	1885, . .	768	2·02	3·9
1871, . .	1,116	3·99	7·5	1886, . .	800	2·15	4·1
1872, . .	1,703	4·86	11·1	1887, . .	922	2·26	4·5
1873, . .	1,406	4·15	8·9	1888, . .	943	2·24	4·6
1874, . .	1,147	3·56	7·1	1889, . .	891	2·13	4·1
1875, . .	1,059	3·06	6·4	1890, . .	835	1·92	3·7

The relative mortality from typhoid fever at different ages of life shows a comparatively uniform incidence for the youngest ages up to 60 years, with a considerable increase between the ages of 15 and 30, and a more decided increase from 60 to the close of life, for the 28 years 1863–1890. For the year 1890 there is an increase with considerable uniformity from the earliest period up to the age-period 15–30 years, while for the remainder of life up to 70 years, the ratio presents a similar average rate to that of the period 10–15 years, the ratios for each period being generally less than those of the group of years 1863–1890.

TYPHOID FEVER.

Death-rates per 10,000 for the Population Living at Each Age-period.

Ages.	1863-1890.	1890.
0– 5,	4·84	1·51
5–10,	3·93	1·65
10–15,	5·13	3·11
15–20,	9·90	7·80
20–30,	8·89	7·48
30–40,	5·27	4·66
40–50,	4·41	2·83
50–60,	5·07	2·11
60–70,	7·64	3·34
70–80,	12·15	3·86
80 and over,	14·32	3·87

TABLE 97. — *Deaths from Typhoid Fever, by Counties. — 1881–1890.*

COUNTIES.	DEATHS.										
	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	Totals.
Barnstable,	16	17	7	10	8	11	11	6	15	13	114
Berkshire,	62	44	56	47	24	47	47	57	42	35	461
Bristol,	95	112	65	69	61	80	98	89	100	56	825
Dukes,	2	–	–	1	4	2	1	2	3	–	15
Essex,	148	149	117	103	101	125	129	123	123	139	1,257
Franklin,	22	22	19	17	14	14	15	13	11	10	157
Hampden,	110	118	83	74	69	57	56	93	66	65	791
Hampshire,	44	42	23	25	24	19	14	21	17	15	244
Middlesex,	151	134	130	149	134	154	197	180	174	213	1,616
Nantucket,	1	1	–	2	1	1	–	1	–	–	7
Norfolk,	38	38	44	47	45	36	30	42	26	26	372
Plymouth,	37	45	27	25	24	21	22	37	30	24	292
Suffolk,	221	232	174	214	157	148	187	182	189	156	1,860
Worcester,	125	125	115	92	102	85	115	97	95	83	1,034
The State,	1,072	1,079	860	875	768	800	922	943	891	835	9,045

TABLE 98. — *Percentages of Deaths from Typhoid Fever to Total Mortality, by Counties. — 1881–1890.*

COUNTIES.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	Average.
Barnstable,	3·06	3·22	1·21	1·78	1·43	1·92	1·77	·97	2·77	2·29	2·00
Berkshire,	4·75	3·54	4·38	3·64	1·81	3·49	3·52	4·02	3·16	2·37	3·45
Bristol,	3·15	3·44	2·24	2·20	1·86	2·58	2·80	2·54	2·86	1·48	2·51
Dukes,	2·08	–	–	1·19	3·81	2·20	1·12	1·63	3·37	–	1·57
Essex,	3·09	2·99	2·32	2·12	2·12	2·56	2·42	2·31	2·27	2·31	2·45
Franklin,	3·63	3·74	3·03	2·73	2·36	2·30	2·19	1·94	1·92	1·64	2·54
Hampden,	5·22	5·41	3·79	2·53	3·21	2·69	2·51	3·70	2·65	2·45	3·48
Hampshire,	4·61	5·27	2·61	3·15	2·92	2·16	1·84	2·33	1·98	1·56	2·78
Middlesex,	2·44	2·17	2·03	2·39	2·02	2·41	2·61	2·38	2·25	2·68	2·35
Nantucket,	·89	·87	–	2·04	2·94	·97	–	1·05	–	–	·70
Norfolk,	2·33	2·29	2·63	2·88	2·64	2·15	1·70	2·24	1·38	1·32	2·13
Plymouth,	2·70	3·32	2·07	1·96	1·66	1·56	1·53	2·49	2·12	1·54	2·09
Suffolk,	2·30	2·43	1·69	2·11	1·53	1·51	1·78	1·68	1·73	1·44	1·81
Worcester,	2·90	2·92	2·61	2·18	2·31	1·96	2·43	1·90	1·93	1·66	2·27
The State,	2·94	2·94	2·28	2·35	2·02	2·15	2·26	2·24	2·13	1·92	2·31

There were 456 deaths among males, and 379 among females, which would indicate a ratio of 4·9 per 10,000 for the males, and 3·8 per 10,000 for the females, as estimated from the census of 1885.

The deaths by months were as follows: —

January,	50	July,	40
February,	41	August,	69
March,	43	September,	133
April,	43	October,	120
May,	32	November,	110
June,	47	December,	107

Of the total number of deaths from typhoid fever, 579, or 69·3 per cent., occurred in the last half of the year, and 56·3 per cent. in the months of September, October, November and December.

In tables 97 and 98 are presented the mortality from this disease by counties for a period of ten years (1881–1890), together with the percentages from the same cause for the same period; by which it appears that the greatest increase in the mortality from this cause, as compared with that of 1889, was in the counties of Essex and Middlesex, while in nearly all of the remaining counties there was a decrease. No deaths from this cause were reported in Dukes and Nantucket.

TABLE 99. — *Death-rates per 10,000 from Typhoid Fever in Census Years, 1865–1890, by Counties.*

COUNTIES.	1865.	1870.	1875.	1880.	1885.	1890.	Average.
THE STATE,	13·4	9·1	6·4	4·9	3·9	3·7	5·0
Barnstable,	16·7	12·8	5·6	4·1	2·7	4·5	8·0
Berkshire,	23·3	8·2	7·6	5·6	3·3	4·3	8·1
Bristol,	14·5	7·9	5·4	5·4	3·8	3·0	5·9
Dukes and Nantucket,*	17·8	22·7	12·4	3·7	6·9	–	10·8
Essex,	12·9	9·4	5·1	5·6	3·8	4·6	6·5
Franklin,	25·2	11·6	8·9	4·9	3·7	2·6	9·0
Hampden,	16·1	15·4	9·7	7·2	5·1	4·8	8·8
Hampshire,	18·3	10·3	10·9	5·5	4·9	2·9	8·5
Middlesex,	8·9	6·5	5·1	4·0	3·5	4·9	5·3
Norfolk,	8·9	5·9	5·9	3·4	4·4	2·2	5·1
Plymouth,	20·2	7·8	6·0	5·1	2·9	2·6	6·8
Suffolk,	7·7	7·6	6·6	4·1	3·7	3·2	5·1
Worcester,	17·7	12·1	6·6	6·0	4·2	2·9	7·5
* *Dukes,*				2·3	9·7	–	–
* *Nantucket,*				5·4	3·2	–	–

In table 99 are presented the death-rates from typhoid fever per 10,000 of the population, for the census years 1865–1890, by which it appears that in nearly all the counties there has been a steady diminution in the mortality from this disease. The uniformity of such decrease is especially noticeable in the most populous counties.

Diarrhœal Diseases. — The number of deaths from this class of diseases was 345 more than that of 1889, and 588 more than the average of the ten years (1881–1890). The sum of this group of diseases was 9·6 per cent. of the total mortality from all causes, as compared with 9·2 in 1889, 8·9 in 1888, 9·1 in 1887, 9·0 in 1886, and 8·5 in 1885.

TABLE 100. — *Diarrhœal Diseases. — 1881–1890.*

YEARS.	Diarrhœa.	Dysentery.	Cholera Infantum.	Cholera.	Enteritis.	Diarrhœal Diseases.
1881, . . .	458	360	1,861	68	456	3,203
1882, . . .	488	398	2,159	136	528	3,709
1883, . . .	516	336	1,941	84	523	3,400
1884, . . .	522	254	2,081	108	549	3,514
1885, . . .	450	253	1,852	86	608	3,249
1886, . . .	501	243	1,931	77	587	3,339
1887, . . .	560	266	2,131	68	622	3,713
1888, . . .	587	248	2,195	79	670	3,779
1889, . . .	593	299	2,156	77	710	3,835
1890, . . .	618	220	2,491	88	763	4,180

Dysentery. — The number of deaths from dysentery in 1890 was 220, which was 79 less than that of 1889, 28 less than that of 1888, and 46 less than that of 1887. It was 68 less than the average of the ten years (1881–1890).

In table 101 is presented the mortality from dysentery by counties, for the years 1889 and 1890.

TABLE 101. — *Deaths from Dysentery, by Counties. — 1889–90.*

COUNTIES.	DEATHS FROM DYSENTERY.		COUNTIES.	DEATHS FROM DYSENTERY.	
	1889.	1890.		1889.	1890.
Barnstable,	4	4	Middlesex,	31	35
Berkshire,	6	6	Nantucket,	–	–
Bristol,	28	37	Norfolk,	11	5
Dukes,	–	3	Plymouth,	8	12
Essex,	43	32	Suffolk,	80	35
Franklin,	10	1	Worcester,	60	28
Hampden,	15	8			
Hampshire,	3	14	The State,	299	220

The table of ratios at different age-periods, herewith presented, gives the relative incidence of this disease at the different ages correctly.

DYSENTERY.

Annual Death-rates per 10,000 of the Population Living at Each Age-period.

Ages.	1863-1890.	1890.
Under 5,	15·89	3·98
5-10,	2·10	·27
10-15,	·64	·06
15-20,	·51	·11
20-30,	·59	·18
30-40,	·80	·14
40-50,	1·18	·54
50-60,	2·15	1·34
60-70,	4·80	2·65
70-80,	12·54	7·52
Over 80,	28·76	21·26

By this table it appears that the greatest relative mortality, both for the whole period of twenty-eight years and for the year 1890, was at the extremes of infancy and old age. There was also in each instance a decrease in the relative mortality, with considerable uniformity, from the youngest age-period to the period 10–20 years, and then a progressive increase up to old age. The contrast between the extremes of least and greatest incidence was not so great in the year 1890 as it was in the twenty-eight-year period (1863–1890).

Cholera Infantum. — The number of deaths from this disease in 1890 was 2,491, which was 335 greater than that of 1889, and greater than the average of the ten years (1881–1890). The death-rate per 10,000 of the entire living population was 11·1, as compared with 9·9 in 1889, 10·7 in 1888, 10·6 for 1887, 9·77 for 1886, and 9·52 for 1885. It was less than the average rate for the decennial period (1881–1890), and also greater than the ratio of any year since 1882.

Comparing the two decades, 1871–1880 with 1881–1890, the average annual number of deaths in the former was 2,151,

and the rate per 10,000 of the living population, 13·02; and in the latter period the average annual number of deaths was 2,080, and the mortality-rate 10·40.

As compared with the population living under five years of age (census of 1885), the ratio of mortality from cholera infantum in 1890 was 139·7 per 10,000, while that of the whole period, 1863–1890, was less (114·6 per 10,000).

Of the whole number of deaths from this cause in 1890, 767 occurred in July, 1,058 in August, and 413 in September; or 89·8 of the whole number, as compared with 83·8 per cent. for the same period in 1889.

There were 1,336 deaths of males from this cause, and 1,155 of females.

TABLE 102.—*Mortality from Cholera Infantum, 1871–80, 1881–90.*

YEARS.	Deaths from Cholera Infantum.	Death-rate per 10,000 of Population.	YEARS.	Deaths from Cholera Infantum.	Death-rate per 10,000 of Population.
1871, . .	1,718	11·50	1881, . .	1,861	10·25
1872, . .	3,254	21·24	1882, . .	2,159	11·69
1873, . .	2,553	16·25	1883, . .	1,941	10·32
1874, . .	2,322	14·41	1884, . .	2,081	10·87
1875, . .	2,606	15·77	1885, . .	1,852	9·52
1876, . .	2,087	12·63	1886, . .	1,931	9·77
1877, . .	1,927	11·63	1887, . .	2,131	10·60
1878, . .	1,573	9·44	1888, . .	2,195	10·74
1879, . .	1,349	7·86	1889, . .	2,156	9·91
1880, . .	2,118	11·31	1890, . .	2,491	11·13
Average, .	2,151	13·02	Average, .	2,080	10·40

Consumption.—The number of deaths registered in 1890 from this, the most prominent cause of death in the list of diseases, was 5,791, of which number 2,717 were of males and 3,074 females.

The actual number of deaths from this cause was 210 greater than that of 1889, 63 more than that of 1888, and 80 less than that of 1887.

The ratio of deaths to the total mortality was 13·30, which was less than that of 1889, and was also the least of any year yet recorded.

TABLE 103. — *Mortality from Pulmonary Consumption, by Counties. 1889 and 1890.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1889.	1890.		1889.	1890.
Barnstable,	70	68	Middlesex,	1,022	1,057
Berkshire,	129	167	Nantucket,	7	9
Bristol,	436	435	Norfolk,	262	248
Dukes,	9	11	Plymouth,	219	209
Essex,	697	738	Suffolk,	1,619	1,687
Franklin,	77	68	Worcester,	620	650
Hampden,	301	338			
Hampshire,	113	106	The State,	5,581	5,791

There was an increase in the mortality from consumption in Berkshire, Dukes, Essex, Hampden, Middlesex, Nantucket, Suffolk and Worcester counties in 1890, as compared with the deaths in 1889 from the same cause, and a decrease in the remaining counties.

TABLE 104. — *In Pulmonary Consumption to Total Mortality, by Counties. — 1881–1890.*

COUNTIES.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
Barnstable,	17·97	15·94	17·47	16·46	15·18	16·06	14·38	11·36	12·91	11·99
Berkshire,	12·41	12·96	12·99	11·56	13·10	11·59	11·77	10·78	9·71	11·31
Bristol,	14·26	14·11	15·87	14·11	13·85	14·20	12·21	12·73	12·46	11·51
Dukes,	12·50	12·63	16·00	13·09	9·52	12·09	10·11	12·19	10·11	10·00
Essex,	18·27	15·33	16·54	16·74	17·75	16·07	14·74	14·09	12·86	12·28
Franklin,	18·35	14·45	13·58	15·76	15·01	14·97	12·74	11·53	13·41	12·62
Hampden,	16·85	14·62	14·54	15·15	13·61	14·40	13·82	11·54	12·10	12·74
Hampshire,	18·47	16·06	14·24	15·27	14·15	13·96	13·46	15·22	13·14	11·05
Middlesex,	17·11	17·54	17·18	16·42	15·17	15·75	14·70	12·98	13·18	13·29
Nantucket,	26·79	17·30	12·61	12·24	6·60	10·68	10·34	12·63	8·04	11·25
Norfolk,	15·68	16·09	15·54	15·77	16·38	16·75	14·65	14·66	13·95	12·60
Plymouth,	13·29	16·81	16·37	17·54	17·51	17·32	17·13	13·74	15·51	13·37
Suffolk,	16·39	16·82	15·24	15·98	16·17	17·68	15·35	15·19	14·81	15·59
Worcester,	15·09	15·36	15·58	14·71	15·73	14·56	13·70	12·93	12·59	13·03
The State,	16·14	15·94	15·71	15·67	15·63	15·83	14·40	13·61	13·36	13·30

TABLE 105. — *Mortality from Consumption, by Age and Sex. — 1890.*

AGES.	1890.		DEATH-RATE FROM CONSUMPTION, PER 10,000 OF THE POPULATION LIVING AT EACH AGE-PERIOD.		1890.		DEATH-RATE FROM CONSUMPTION, PER 10,000 OF THE POPULATION LIVING AT EACH AGE-PERIOD FOR EACH SEX. 1890.†	
	Total Deaths.	Deaths from Consumption.	1863-1890.*	1890.†	Males.	Females.	Males.	Females.
Under 5,	13,870	262	17·25	14·62	130	132	14·5	14·9
5 to 10,	1,282	59	3·23	3·24	22	37	2·4	4·1
10 to 15,	697	117	6·49	6·62	22	95	2·5	10·8
15 to 20,	1,361	520	31·75	27·77	197	323	21·7	33·4
20 to 30,	3,931	1,740	50·25	45·23	792	948	44·5	45·8
30 to 40,	3,552	1,244	43·83	43·31	609	635	44·0	42·7
40 to 50,	3,396	800	36·74	35·88	406	394	38·1	33·9
50 to 60,	3,642	474	36·51	30·24	262	212	35·5	25·5
60 to 70,	4,286	344	48·00	33·85	175	169	36·5	31·5
70 to 80,	4,247	166	60·22	33·72	81	85	36·9	31·2
Over 80,	3,115	52	44·48	33·51	18	34	30·5	35·4
Ages not stated,	149	13	–	–	3	10	–	–
Totals,	43,528	5,791	–	–	2,717	3,074	–	–
Averages,	–	–	31·67	29·82†	–	–	29·1	30·4

* Estimated from average of 5 Census years, 1865–1885.

† Estimated from Census of 1885.

In table 104 is given the ratio of the deaths from consumption to the total mortality for a period of ten years, for the State, and for each county; by which it appears that in Berkshire, Hampden, Middlesex, Nantucket, Suffolk and Worcester counties the percentage of mortality from consumption was greater than that of 1889, while in all of the other counties it was less. In Suffolk County only did the percentage exceed 14 per cent. of the total mortality. The lowest ratios were recorded in Dukes and Hampshire. The greatest decrease, as compared with the ratios of 1889, was found in Hampshire and Plymouth counties.

In table 105 is presented the mortality at different periods of life from this disease, together with the total mortality from all causes for the same periods, for the purpose of comparison. In parallel columns are also given the ratios of mortality from the same cause to the population living at each age-period for the period of twenty-eight years, 1863–1890, and also for the single year, 1890. By this table it appears that consumption was most fatal at the age 70 to 80 for the period 1863–90, the age 20 to 30 coming next in order; while for the year 1890 it fell most severely upon the age-period 20–30, the following period, 30–40, coming next in the order of fatality. The mortality at each period of life was less in 1890 than it was for the average of the whole period at the same ages, except the age-periods 5 to 10 and 10 to 15 years, the greatest differences appearing at the older age-periods from 50 years to old age.

In the same table is also presented the mortality from the same disease for the two sexes for each age-period in 1890, together with the ratio of deaths at each age-period for each sex, to the population of each sex living at such period. From this it appears that the mortality was greater among females than among males at all ages up to the period 20–30 years, and for the older age-periods the mortality was greater among males.

TABLE 106.—*Mortality from Pulmonary Consumption, by Months and Quarters.—1890.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months, . .	733	477	530	512	488	451	446	437	436	418	424	439
Quarters, . .	1,740			1,451			1,319			1,281		
Percentages, .	30·05			25·06			22·78			22·11		

TABLE 107.—*Mortality from Pulmonary Consumption, by Decades. Twenty Years.*

YEARS.	Deaths.	Death-rates per 10,000 of Population.	YEARS.	Deaths.	Death-rates per 10,000 of Population.
1871, . .	5,070	33·9	1881, . .	5,886	32·4
1872, . .	5,556	36·2	1882, . .	5,865	31·7
1873, . .	5,556	35·3	1883, . .	5,931	31·5
1874, . .	5,284	32·8	1884, . .	5,798	30·3
1875, . .	5,738	34·7	1885, . .	5,955	30·7
1876, . .	5,327	32·2	1886, . .	5,897	29·5
1877, . .	5,457	32·9	1887, . .	5,871	28·5
1878, . .	5,334	32·0	1888, . .	5,728	27·1
1879, . .	5,223	30·4	1889, . .	5,581	25·7
1880, . .	5,494	30·8	1890, . .	5,791	25·9
Average, .	5,404	32·7	Averages, .	5,830	29·2

Table 106 presents the mortality from consumption by months and quarters of the year for 1890. The greatest number of deaths from this disease occurred in the months of January, March and April, and the least in October and November. In a monthly average of 483 the variations for the maximum and minimum were 250 and 65 as compared with 50 and 48 in 1889.

Table 107 is introduced to show the comparative mortality from consumption to the living population in a period of twenty years, divided into two decades, by which it appears that the death-rate from consumption in 1890 was less than that of any previous year except 1889, and the average rate of the ten years (1881–1890) was 3·5 per 10,000 less than that of the previous *ten years.*

Pneumonia. — The number of deaths from pneumonia in 1890 was 4,038, which indicates a ratio of 18·0 per 10,000 of the estimated living population, as compared with 15·8 in 1889, 18·2 in 1888, 16·6 in 1887, 14·3 in 1886, and 17·8 in 1885.

As compared with the total mortality, the deaths from pneumonia in 1890 were 9·3 per cent.

TABLE 108. — *Deaths from Pneumonia, by Counties.—1889 and 1890.*

COUNTIES.	DEATHS.		COUNTIES.	DEATHS.	
	1889.	1890.		1889.	1890.
Barnstable,	31	48	Middlesex,	617	694
Berkshire,	135	166	Nantucket,	3	1
Bristol,	213	292	Norfolk,	145	176
Dukes,	4	7	Plymouth,	81	104
Essex,	368	586	Suffolk,	1,013	1,089
Franklin,	38	51	Worcester,	465	452
Hampden,	240	269			
Hampshire,	87	103	The State,	3,440	4,038

In every county except Nantucket and Worcester the deaths from this cause were more than those of 1889. The counties having the highest ratios to the total mortality were: Berkshire, 11·24; Hampshire, 10·74; Hampden, 10·14, and Suffolk, 10 07. Those having the lowest were: Nantucket, 1·25; Dukes, 6·31; Plymouth, 6·65, and Bristol, 7·73. With the exception of the smallest counties and Franklin County, these figures correspond quite closely to the averages of the same counties for the previous years, and show that the mortality from pneumonia is greater in the inland counties of the State than upon the sea-coast.

TABLE 109. — *Percentages of Deaths from Pneumonia to Total Mortality, by Counties, 1881–1890.*

COUNTIES.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
Barnstable,	7·83	8·49	6·92	5·19	7·67	4·19	6·21	6·49	5·72	8·46
Berkshire,	8·81	9·66	10·02	6·76	10·16	8·33	8·47	9·16	10·17	11·24
Bristol,	6·33	6·73	7·66	6·14	8·38	6·20	7·15	7·56	6·09	7·73
Dukes,	5·21	3·16	8·00	4·76	3·81	6·59	8·99	9·75	4·14	6·31
Essex,	7·38	7·18	7·02	6·29	8·62	7·09	7·78	8·47	6·88	9·75
Franklin,	8·59	10·88	10·70	6·84	10·79	9·05	11·80	12·58	6·62	8·36
Hampden,	9·39	8·94	8·78	7·26	9·89	8·26	9·51	8·59	9·65	10·14
Hampshire,	10·37	8·53	12·52	6·44	6·95	7·38	8·06	8·98	10·12	10·74
Middlesex,	8·44	8·18	7·72	7·81	9·68	7·86	8·63	8·96	7·96	8·73
Nantucket,	3·57	1·74	4·50	1·02	4·74	2·91	13·79	2·11	3·36	1·25
Norfolk,	7·88	8·86	7·65	6·69	9·04	8·52	8·01	8·64	8·26	8·94
Plymouth,	6·86	7·16	7·22	5·87	7·25	6·47	7·69	7·34	5·74	6·65
Suffolk,	8·16	7·82	8·06	8·05	9·19	7·79	7·68	9·46	9·28	10·07
Worcester,	9·09	8·46	8·50	7·01	9·57	8·39	9·19	8·89	9·47	9·06
The State,	8·14	7·97	8·07	7·15	9·13	7·61	8·22	8·83	8·23	9·28

Mortality from Pneumonia at Different Ages. — The comparative mortality from this disease at the different age-periods given in the accompanying table for the twenty-eight-year period 1863–1890, shows a high rate for infancy rapidly decreasing to the age 10–15, and then increasing with less rapidity to old age.

PNEUMONIA.

Death-rate from Pneumonia per 10,000 of the Population living at Each Age-period.

Ages.	1863-1890.	1890.
Under 5, .	48·01	60·50
5–10, . .	4·30	4·23
10–15, . .	1·81	1·87
15–20, . .	3·85	6·35
20–30, . .	5·24	9·02
30–40, . .	7·78	12·32
40–50, . .	11·56	18·97
50–60, . .	18·62	29·60
60–70, . .	36·47	47·53
70–80, . .	75·16	84·30
Over 80, .	133·63	152·05

The comparative mortality at the different age-periods maintained a very uniform variation for the twenty-eight-year period and for the single year 1890, the ratios in the latter case for each period of life being nearly the same as those of the series of years (1863–1890). In both cases the mortality of old age from this disease is shown to be excessive, a point which is not made clear in the tables of earlier years.

TABLE 110. — *Mortality from Pneumonia, by Months and Quarters. 1890.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months, . .	1,072	397	396	452	285	191	138	108	113	210	265	411
Quarters, . .	1,865			928			359			886		
Percentages, .	46·19			22·98			8·89			21·94		

Table 110 presents the mortality from pneumonia by months and quarters of the year for 1890. The greatest number of deaths occurred in January and in the first quarter of the year, and the least in August and the third quarter. The difference between the mortality of the first six months and the last six months of the year was very much greater in 1890 than it was in 1888 or 1889. Further comment upon this point will be found on a later page under the head of Influenza.

TABLE 111. — *Mortality from Whooping-cough, by Counties. — 1881–1890.*

COUNTIES.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
Barnstable,	1	1	–	3	5	–	1	1	–	2
Berkshire,	11	9	2	9	8	19	6	1	9	19
Bristol,	25	41	4	10	14	26	14	7	24	44
Dukes,	–	–	–	–	1	–	–	–	–	–
Essex,	22	27	21	45	34	23	18	26	27	72
Franklin,	1	2	1	4	1	2	4	10	–	2
Hampden,	6	20	21	5	14	27	7	6	22	14
Hampshire,	4	8	18	6	3	9	1	1	3	12
Middlesex,	45	38	18	43	30	54	29	45	51	62
Nantucket,	–	1	–	–	–	–	–	–	–	–
Norfolk,	3	8	2	18	7	6	10	8	7	15
Plymouth,	2	3	3	13	3	10	7	6	5	16
Suffolk,	77	92	37	227	47	73	122	116	126	72
Worcester,	20	15	10	27	17	22	13	18	36	33
The State,	217	265	137	410	184	271	232	245	310	363

Whooping-cough. — The deaths from this disease in 1890 were 363, which was 53 more than those of 1889, and 118 more than those of 1888. They were 60 more than the average of the decennial period (1881–1890).

There were no deaths from whooping-cough in Dukes and Nantucket counties.

The deaths from this cause in Berkshire, Hampshire and Essex counties were greater in number than those of the three years 1887, 1888 and 1889 combined, from the same cause. Those of Suffolk county were less than those of either of the four years 1886, 1887, 1888 or 1889.

Influenza. — The present report would be incomplete without special mention of the unusual mortality from Influenza. The epidemic of the winter of 1889–90 made its first appearance in December, 1889, but did not affect the mortality of that month very seriously. It reached its climax in January, 1890, and the deaths in that month, attributed in the Death certificates to Influenza, amounted to 266, or more than all the deaths from the same cause in the previous nine years of the ten-year period (1881–1890).

The following statistics present the deaths attributed to Influenza by counties, by months, and by sex for the ten years, 1881–1890.

The whole number of deaths from this cause in 1890 was 411, which was 72·1 per cent. of the whole number of deaths attributed to Influenza in the ten-year period 1881–1890 (570).

Of the whole number, 260 or 45·6 per cent. were males and 54·4 per cent. were females.

The disastrous effect of this epidemic did not manifest itself alone in the increased mortality registered under the term Influenza. It showed itself in the increased total mortality, for the year, and especially for the month of January, and particularly in the increase in the deaths from Pneumonia, Phthisis, Bronchitis and from Heart Diseases.

A full report upon the epidemic of Influenza of 1890 with reference to its effect upon the population of Massachusetts, may be found in the 21st Annual Report of the State Board of Health.

TABLE 112. — *Mortality attributed to Influenza, by Counties. — Ten Years. — 1881–1890.*

COUNTIES.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	Total.	Average Annual Ratio per 10,000 of Population. 1881-1890.
Barnstable,	–	–	–	1	–	–	2	–	2	8	13	·45
Berkshire,	–	–	1	–	–	2	1	–	1	16	21	·26
Bristol,	1	1	5	–	–	1	1	–	1	19	29	·15
Dukes,	–	1	–	–	–	–	–	–	–	1	2	·46
Essex,	4	6	3	1	3	–	3	5	1	46	72	·24
Franklin,	1	–	–	–	1	–	–	–	4	11	17	·44
Hampden,	2	2	1	1	3	2	–	–	–	29	40	·29
Hampshire,	1	3	1	–	3	1	–	1	–	13	23	·44
Middlesex,	2	3	2	–	3	4	3	1	7	72	97	·23
Nantucket,	–	–	–	–	–	–	–	–	–	–	–	–
Norfolk,	–	–	2	2	2	–	2	–	–	13	21	·18
Plymouth,	1	1	4	–	3	1	3	–	–	18	31	·33
Suffolk,	–	2	2	1	1	–	2	2	8	114	132	·29
Worcester,	3	3	2	2	1	3	2	2	3	51	72	·26
The State,	15	22	23	8	20	14	19	11	27	411	570	·25

TABLE 113. — *Mortality attributed to Influenza, by Months. — Ten Years. — 1881–1890.*

MONTHS.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	Total.	Ratio to Total Mortality of 1890.
January,	–	6	3	1	3	1	1	3	2	246	266	4·73
February,	4	1	3	1	6	–	3	1	2	65	86	1·98
March,	3	2	2	1	2	5	6	1	3	32	57	·89
April,	2	2	5	–	4	2	3	–	3	21	42	·61
May,	2	2	2	1	1	–	1	1	1	9	20	·28
June,	–	3	1	1	–	–	–	–	1	8	14	·28
July,	–	1	–	–	2	–	–	–	1	5	9	·13
August,	1	–	1	1	1	1	–	–	–	1	6	·02
September,	–	1	–	–	–	–	1	1	–	4	7	·11
October,	–	–	3	–	1	2	2	3	2	5	18	·15
November,	1	1	–	2	–	3	1	–	–	6	14	·20
December,	2	3	3	–	–	–	1	1	12	9	31	·26
Total,	15	22	23	8	20	14	19	11	27	411	570	·94
Males,	8	6	11	2	12	6	7	6	14	188	260	–
Females,	7	16	12	6	8	8	12	5	13	223	310	–

TABLE 114.—*Mortality from all Causes, and from Influenza, Pneumonia, Phthisis, Bronchitis and Heart Diseases, by Months, for 1888, 1889 and 1890.*

1888.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Influenza,	3	1	1	–	1	–	–	–	1	3	–	1	11
Pneumonia,	531	540	569	458	353	172	118	86	134	246	211	298	3,716
Phthisis,	517	470	543	547	549	412	461	421	406	492	430	480	5,728
Bronchitis,	172	168	173	146	112	77	49	68	60	78	89	134	1,326
Heart Diseases,	275	257	253	249	264	238	246	189	211	239	228	277	2,926
Total,	1,498	1,436	1,539	1,400	1,279	899	874	764	812	1,058	958	1,190	13,707
From all causes,	3,900	3,534	3,768	3,593	3,423	2,911	3,566	4,450	3,679	3,319	2,866	3,088	42,097

1889.

Influenza,	2	2	3	3	1	1	1	–	–	2	–	12	27
Pneumonia,	394	358	463	436	328	165	117	114	119	232	291	423	3,440
Phthisis,	492	431	482	507	463	466	426	470	463	453	415	513	5,581

Bronchitis,	109	135	173	147	92	62	62	70	84	111	109	122	1,276
Heart Diseases,	278	233	273	279	289	235	266	245	210	271	237	299	3,115
Total,	1,275	1,159	1,394	1,372	1,173	929	872	899	876	1,069	1,052	1,369	13,439
From all causes,	3,237	3,064	3,516	3,573	3,353	3,121	4,224	4,213	3,650	3,368	2,984	3,474	41,777

1890.

Influenza,	246	65	32	21	9	8	5	1	4	5	6	9	411
Pneumonia,	1,072	397	396	452	285	191	138	108	113	210	265	411	4,038
Phthisis,	733	477	530	512	488	451	446	437	436	418	424	439	5,791
Bronchitis,	298	136	195	168	129	86	63	53	72	89	106	138	1,533
Heart Diseases,	406	273	291	283	282	226	242	235	280	298	265	336	3,417
Total,	2,755	1,348	1,444	1,436	1,193	962	894	834	905	1,020	1,066	1,333	15,190
From all causes,	5,300	3,273	3,583	3,437	3,249	2,840	3,962	4,545	3,615	3,223	3,021	3,480	43,528

Brain Diseases. — The number of deaths from the group of diseases which includes apoplexy, paralysis, softening of the brain, insanity, cephalitis and other unspecified diseases of the brain in 1890 was 4,389, which was 76 greater than that of 1889, 133 less than that of 1888, and also greater than that of any previous year, except 1888.

TABLE 115. — *Deaths from Brain Diseases. Thirty Years. — 1861–1890.*

YEARS.	Softening of the Brain.	Apoplexy.	Paralysis.	Insanity.	Cephalitis and Unspecified Brain Diseases.	Totals.
1861, ...	42	274	417	61	764	1,558
1862, ...	48	251	401	66	716	1,482
1863, ...	38	268	471	62	798	1,632
1864, ...	46	321	473	64	1,068	1,972
1865, ...	43	263	479	75	964	1,824
1866, ...	58	261	487	106	885	1,797
1867, ...	41	281	469	111	806	1,708
1868, ...	56	311	630	91	922	2,010
1869, ...	67	331	607	87	923	2,015
1870, ...	74	394	630	103	968	2,169
1871, ...	71	390	714	89	998	2,262
1872, ...	94	409	791	103	1,487	2,884
1873, ...	90	431	858	88	1,184	2,651
1874, ...	103	433	775	100	1,134	2,545
1875, ...	99	460	896	118	1,142	2,715
1876, ...	95	507	826	146	1,053	2,627
1877, ...	109	544	873	112	1,011	2,649
1878, ...	118	562	895	152	1,182	2,909
1879, ...	105	663	928	118	1,132	2,946
1880, ...	121	746	933	142	1,422	3,364
1881, ...	112	715	998	129	1,398	3,355
1882, ...	112	706	1,047	153	1,375	3,393
1883, ...	122	784	1,056	183	1,417	3,562
1884, ...	136	857	1,119	166	1,391	3,669
1885, ...	126	1,003	1,132	188	1,445	3,894
1886, ...	118	973	1,173	151	1,429	3,844
1887, ...	118	1,225	1,249	145	1,520	4,257
1888, ...	117	1,233	1,277	204	1,691	4,522
1889, ...	121	1,220	1,146	214	1,612	4,313
1890, ...	109	1,301	1,235	188	1,556	4,389

TABLE 116.—*Death-rates from Brain Diseases in Census Years.*

	Death-rates.						
	1860.	1865.	1870.	1875.	1880.	1885.	1890.
Mortality-rates per 10,000 from—							
Apoplexy, ...	1·93	2·08	2·70	2·78	4·19	5·12	5·81
Softening of the brain, .	·36	·33	·58	·59	·68	·65	·49
Paralysis, ...	3·26	3·78	4·32	5·43	5·23	5·82	5·52
Insanity, ...	·58	·59	·71	·71	·71	·96	·84
Cephalitis and brain disorders, ...	5·93	7·61	6·04	6·91	6·19	7·46	6·95
Totals, ...	12·06	14·39	14·35	16·42	17·00	20·01	19·61

Of the number who died of apoplexy, 657 were males and 644 were females; 588 males and 647 females died of paralysis; 90 males and 98 females died of insanity; 692 males and 625 females died of cephalitis; 60 males and 49 females died of softening of the brain; and 112 males and 127 females died of unspecified brain diseases.

Of the whole number, 2,199 were males and 2,190 were females; a difference of 9, as compared with 29 in 1889, 50 in 1888, and 70 in 1887.

From apoplexy and paralysis taken together there were 123 deaths among persons under 30 years of age, 106 between the ages of 30 and 40, 230 between the ages of 40 and 50, 348 between 50 and 60, 600 between 60 and 70, 673 between 70 and 80 and 458 among persons over 80 years of age.

APOPLEXY AND PARALYSIS.

Death-rate from Apoplexy and Paralysis per 10,000 of the Population Living at Each Age-period, 1890.

Age-periods.	Ratio.
Under 30, .	1·11
30–40, . .	3·69
40–50, . .	10·32
50–60, . .	22·19
60–70, . .	59·05
70–80, . .	136·79
80 and over,	294·84

As compared with the population living at each age-period, the mortality from these two diseases is shown by the accompanying table, which presents the death liability of the older age-periods, derived from the statistics of 1890, as estimated from the Census of 1885. These ratios are generally larger than those of 1889 for the same age-periods.

The deaths from apoplexy and paralysis were greater than those of 1889.

In table 116 are presented the mortality-rates from each of the above-named diseases for the Census years 1860–1890.

Cancer. — There were 1,387 deaths from cancer in 1890, as compared with 1,325 in 1889, 1,275 in 1888, 1,174 in 1887, 1,104 in 1886 and 1,087 in 1885.

TABLE 117. — *Deaths from Cancer, and Percentages of Total Mortality, by Counties. — 1889 and 1890.*

COUNTIES.	Deaths. 1889.	Percentages to Total Mortality. 1889.	Deaths. 1890.	Percentages to Total Mortality. 1890.
Barnstable, . . .	24	4·43	25	4·41
Berkshire, . . .	43	3·25	40	2·71
Bristol, ...	110	3·14	112	2·96
Dukes, ...	3	3·37	2	1·80
Essex, ...	185	3·41	203	3·38
Franklin, . . .	17	2·96	31	5·08
Hampden, . . .	60	2·41	57	2·15
Hampshire, . . .	27	3·14	36	3·75
Middlesex, . . .	245	3·16	259	3·26
Nantucket, . . .	2	2·30	6	7·50
Norfolk, . . .	67	3·57	72	3·66
Plymouth, . . .	59	4·25	53	3·39
Suffolk, ...	333	3·05	365	3·37
Worcester, . . .	150	3·05	126	2·53
The State, . . .	1,325	3·17	1,387	3·19

These included all of the deaths registered as cancer, without definite statement as to the organ affected, as well as those in which the particulars as to location were specified, including cancer of the stomach, bowels, liver, uterus and other organs.

Of the cases registered in 1890, 973 were among females, or 70·1 per cent. of the whole number. The ratio of mortality from this cause among females, as compared with the mortality for both sexes, was as follows: —

1883, ...	67·6 per cent.	1887, ...	69·6 per cent.
1884, ...	66·6 "	1888, ...	67·8 "
1885, ...	68·8 "	1889, ...	68·8 "
1886, ...	69·7 "	1890, ...	70·1 "

Ninety-two per cent. of the deaths occurred between the ages of 30 and 80 years, and 12 deaths only occurred among persons under 20 years of age.

Comparing the mortality from this cause by counties, it appears that there was an increase in Middlesex, Plymouth, Suffolk and Worcester counties, and in the remaining counties there was a decrease.

TABLE 118. — *Mortality from Cancer, by Years, and by Decades. — Twenty Years.*

YEARS.	Deaths.	Death-rates per 10,000 of Population.	YEARS.	Deaths.	Death-rates per 10,000 of Population.
1871, . .	551	3·3	1881, . .	949	5·2
1872, . .	542	3·2	1882, . .	987	5·3
1873, . .	611	3·6	1883, . .	1,026	5·4
1874, . .	585	3·5	1884, . .	1,060	5·5
1875, . .	593	3·5	1885, . .	1,087	5·6
1876, . .	657	3·9	1886, . .	1,104	5·5
1877, . .	646	3·9	1887, . .	1,174	5·7
1878, . .	807	4·8	1888, . .	1,275	6·0
1879, . .	862	5·2	1889, . .	1,325	6·1
1880, . .	928	5·6	1890, . .	1,387	6·2
Average, .	678	4·1	Average, .	1,137	5·7

In table 118 are presented the statistics relative to the general mortality from cancer for a period of twenty years, in two ten-year periods, together with the mortality per 10,000 of the living population. By this table it appears that there has been an increase, with considerable uniformity, from 3·3 per 10,000 of the population in 1870 to 6·2 per 10,000 in 1890.

In comparing the two decennial periods, it appears that the rate has increased from an average of 4·1 in the former to 5·7 in the latter.

Diseases of the Kidneys. — For reasons already explained in the report of 1886, the diseases of the kidneys are considered in one group.

TABLE 119. — *Mortality from Bright's Disease, Nephritis and Other Kidney Diseases, and from Dropsy, and Ratios to Total Mortality. Forty Years.*

YEARS.	Total Mortality.	Deaths from Bright's Diseases, Nephritis and other Kidney Diseases.	Ratio to Total Mortality per 1,000.	Deaths from Dropsy.	Ratio to Total Mortality per 1,000.	TOTALS.	Ratio to Total Mortality per 1,000.
1851, . . .	18,934	27	1·4	390	20·6	417	22·0
1852, . . .	18,482	32	1·7	418	22·6	450	24·3
1853, . . .	20,301	35	1·7	465	22·9	500	24·6
1854, . . .	21,414	38	1·8	474	22·1	512	23·9
1855, . . .	20,798	56	2·7	501	24·1	557	26·8
1856, . . .	20,734	51	2·5	487	23·4	538	25·9
1857, . . .	21,280	45	2·1	512	24·1	557	26·2
1858, . . .	20,776	42	2·0	481	23·2	538	25·2
1859, . . .	20,976	56	2·7	522	24·9	578	27·6
1860, . . .	23,068	67	2·9	470	20·4	537	23·3
1861, . . .	24,085	91	3·7	440	18·3	531	22·0
1862, . . .	22,974	96	4·2	467	20·3	563	24·5
1863, . . .	27,751	111	4·0	533	19·2	644	23·2
1864, . . .	28,723	130	4·5	502	17·5	632	22·0
1865, . . .	26,152	173	6·6	492	18·8	665	25·4
1866, . . .	23,637	135	5·7	462	19·5	597	25·2
1867, . . .	22,772	161	7·1	421	18·5	582	25·6
1868, . . .	25,603	206	8·0	470	18·4	676	26·4
1869, . . .	26,054	239	9·2	458	17·6	697	26·8
1870, . . .	27,329	286	10·5	491	17·9	777	28·4
1871, . . .	27,943	370	13·2	527	18·9	897	32·1
1872, . . .	35,019	376	10·7	618	17·6	994	28·3
1873, . . .	33,912	460	13·5	545	16·1	1,005	29·6
1874, . . .	31,887	463	14·5	469	14·7	932	29·2
1875, . . .	34,978	509	14·5	474	13·6	983	28·1
1876, . . .	33,186	488	14·7	445	13·4	933	28·1
1877, . . .	31,342	535	17·1	412	13·1	947	30·2
1878, . . .	31,303	615	19·6	370	11·8	985	31·4
1879, . . .	31,801	693	21·8	380	11·9	1,073	33·7
1880, . . .	35,292	698	19·7	271	7·7	969	27·4
1881, . . .	36,458	825	22·6	292	8·0	1,117	30·6
1882, . . .	36,785	877	23·8	313	8·5	1,190	32·3
1883, . . .	37,748	959	25·4	296	7·8	1,255	33·2
1884, . . .	36,990	1,000	27·0	234	6·3	1,234	33·3
1885, . . .	38,094	1,088	28·6	244	6·4	1,332	35·0
1886, . . .	37,244	1,135	30·5	219	5·9	1,354	36·4
1887, . . .	40,763	1,120	27·4	212	5·2	1,332	32·7
1888, . . .	42,097	1,318	31·3	204	4·8	1,522	36·2
1889, . . .	41,777	1,258	30·1	161	3·8	1,419	33·9
1890, . . .	43,528	1,273	30·0	175	4·0	1,448	33·3

TABLE No. 120. — *Deaths from Kidney Diseases in Each County. — 1881–1890.*

COUNTIES.	Population. 1890.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
Barnstable,	29,172	10	15	14	12	14	20	28	23	18	18
Berkshire,	81,108	18	29	32	33	31	27	41	42	44	34
Bristol,	186,465	64	74	87	90	106	99	100	114	94	102
Dukes and Nantucket,	7,637	6	4	6	8	8	3	4	7	10	2
Essex,	299,995	115	108	135	121	137	135	117	148	140	169
Franklin,	38,610	14	14	15	24	19	26	24	27	19	22
Hampden,	135,713	41	38	30	42	55	48	61	50	55	71
Hampshire,	51,859	21	15	22	21	27	20	33	28	26	24
Middlesex,	431,167	125	164	163	172	186	221	196	238	267	256
Norfolk,	118,950	53	36	51	55	49	47	52	55	44	58
Plymouth,	92,700	28	37	40	54	37	46	48	61	52	44
Suffolk,	484,780	268	289	292	310	342	345	313	382	386	338
Worcester,	280,787	80	77	100	96	117	124	129	149	135	165
The State,	2,238,943	843	900	987	1,038	1,128	1,161	1,146	1,324	1,290	1,303

TABLE 121. — *Percentages of Deaths from Kidney Diseases to the Total Mortality in Each County. — 1881–1890.*

COUNTIES.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
Barnstable,	1·91	2·60	2·42	2·15	2·50	3·49	4·57	3·73	3·32	3·17
Berkshire,	1·38	2·33	2·51	2·56	2·33	2·01	3·07	2·96	3·31	2·30
Bristol,	2·12	2·28	2·95	2·88	3·24	3·19	2·94	3·25	2·68	2·70
Dukes and Nantucket,	2·88	1·90	3·23	4·39	3·79	1·55	3·98	3·21	5·68	1·05
Essex,	2·41	2·17	2·68	2·50	2·88	2·77	2·20	2·79	2·58	2·81
Franklin,	2·31	2·38	2·40	3·82	3·20	4·28	3·51	4·04	3·31	3·61
Hampden,	1·95	1·74	1·37	2·01	2·56	2·27	2·65	1·99	2·21	2·67
Hampshire,	2·20	1·88	2·51	2·65	3·29	2·27	3·79	2·96	3·02	2·50
Middlesex,	2·02	1·69	2·55	2·76	2·80	3·46	2·60	3·15	3·44	3·22
Norfolk,	3·22	2·17	3·05	3·38	2·88	2·80	2·94	2·93	2·34	2·95
Plymouth,	2·04	2·73	3·07	4·23	2·58	3·42	3·33	4·10	3·68	2·81
Suffolk,	2·80	3·03	2·85	3·06	3·35	3·52	2·93	3·51	3·53	3·12
Worcester,	1·91	1·80	2·27	2·28	2·65	2·87	2·73	2·92	2·74	3·31
The State,	2·31	2·45	2·61	2·81	2·96	3·12	2·81	3·15	3·11	3·00

TABLE 122.—*Deaths from Diseases of Kidneys, 1881–1890 and 1890, by Age-periods, with Ratios to Persons living at Each Age.*

AGES.	Deaths from Kidney Diseases. 1881-90.	Deaths from Kidney Diseases. 1890.	DEATH-RATE PER 10,000 OF THE POPULATION LIVING AT EACH AGE-PERIOD. 1881-90.	1890.
Under 5,	368	45	2·01	2·53
5 to 10,	190	16	1·04	·88
10 to 15,	170	21	·97	1·19
15 to 20,	249	28	1·33	1·49
20 to 30,	1,035	102	2·70	2·65
30 to 40,	1,285	158	4·48	5·50
40 to 50,	1,478	163	6·63	7·31
50 to 60,	1,749	190	11·14	12·48
60 to 70,	2,112	280	20·70	27·45
70 to 80,	1,720	216	34·96	43·90
Over 80,	511	76	32·97	49·03
Unknown,	36	2	–	–
Totals,	10,903	1,303	5·61	5·82

In table 119 are presented the deaths in each year since 1851 ascribed to kidney diseases, and also in another column the deaths from dropsy. The apparent rapid increase of the former and the decrease of the latter have undoubtedly produced an interchange of mortality-rates, the interpretation of which must be sought for in a better understanding of pathology and of medical diagnosis.

The whole number of deaths reported as having been due to kidney diseases in 1890 was 1,303, which was 29·9 per 1,000 of the total mortality, as compared with 30·9 in 1889, 31·3 in 1888, 27·4 in 1887, and 30·5 in 1885.

As compared with the living population, the mortality from this group of diseases was 5·82 per 10,000; while for 1889 it was 5·93; for 1888, 6·45; for 1887, 5·57; for 1886, 5·74; for 1885, 5·60; and for 1884, 5·23, per 10,000.

There was also a marked decline in the deaths from dropsy, the whole number registered from this cause in 1890 being 175, or 4·0 per 1,000 of the total mortality, as compared with 161 or 3·8 in 1889, 204 or 4·8 in 1888, 212 or 5·2 in 1887, 219 or 5·9 in 1886, and 244 or 6·4 in 1886.

From the sum of these causes (kidney diseases and dropsy) the whole number was 1,448 in 1890, or 33·3 per 1,000 of the

total mortality, as compared with 33·9 in 1889, 36·2 in 1888, 32·7 in 1887, 36·4 in 1886, and 35·0 in 1885.

In tables 120 and 121 are presented the numbers of deaths from kidney diseases in each county for a period of ten years, and the percentages of the same to the total mortality. There was an increase in these ratios, over those of 1889, in Bristol, Essex, Franklin, Hampden, Norfolk and Worcester.

The slight difference in percentages for the whole State, as compared with those in table 119, is due to the fact that certain diseases, not properly classed with kidney diseases, were classed with kidney diseases in one table in earlier years, which do not appear in the other. The resulting error is but a slight one.

Sex and Age. — Of the whole number of deaths from kidney diseases in 1890, 694, or 54·5 per cent., were males, and 579, or 45·5 per cent., were females, as compared with 54·3 and 45·7 per cent. in 1889, 59·5 and 40·5 in 1888, 58·4 per cent. and 41·6 per cent. in 1887.

In table 122 are presented the statistics relative to this class of diseases for the year 1890, by ages, and also for the decennial period (1881–1890).

By this table, in which the mortality from kidney diseases at each period is compared with the population living at that period, it appears that the fatality diminishes slightly from the period of infancy to the age-period 10–15 years, and then increases to old age. At nearly all ages the death liability was greater for the year 1890 than it was for the ten-year period (1881–1890).

In the report of 1887 a more complete table was presented, in which the death-rate from kidney diseases per 10,000 living at each age-period was given separately for each sex, by which it appeared that the difference in the mortality at different periods of life was greater among males than among females. At most age-periods the mortality of females from this cause was found to be less than that of males at the same periods, a slight exception occurring at the child-bearing age, 30–40, among females, at which age the death liability of the two sexes was as follows: —

For males, ten years (1878–1887), . . .	3·99 per 10,000
For females, ten years (1878–1887), . . .	4·05 per 10,000

The greatest differences were at the age 70–80 years, at which period the ratios were as follows: —

For males, ten years (1878–1887), . . . 43·28 per 10,000
For females, ten years (1878–1887), . . . 17·15 per 10,000

Alcoholism. — The number of deaths registered in 1890 as having been due to this cause, including delirium tremens, was 151, as compared with 122 in 1889, 126 in 1888, 111 in 1887, 108 in 1886, and 122 in 1885. It was also 28 more than the average of the ten years (1881–1890).

The ratio as compared with the total mortality was 3·5 per 1,000, that of each of the two years 1888 and 1889 being 2·9.

The rate per 100,000 of the living population was 6·7, as compared with 5·6 in 1889, and 5·9 in 1888.

Comparing the two decades, the ratio of the latter period (1881–1890) was 3·13 per 1,000 of the total mortality, and 6·14 per 100,000 of the living population, while the corresponding ratios of the former decade (1871–1880) were 2·78 and 5·49.

TABLE 123. — *Deaths from Alcoholism, 1871–80 and 1881–90.*

YEARS.	Deaths.	Ratios to Total Mortality.	Death-rates per 100,000 Living.	YEARS.	Deaths.	Ratios to Total Mortality.	Death-rates per 100,000 Living.
1871, . .	88	3·2	5·9	1881, . .	123	3·3	6·7
1872, . .	134	3·8	8·7	1882, . .	126	3·4	6·8
1873, . .	109	3·2	6·9	1883, . .	113	2·9	6·0
1874, . .	107	3·3	6·6	1884, . .	125	3·4	6·5
1875, . .	87	2·5	5·2	1885, . .	122	3·2	6·3
1876, . .	86	2·6	5·2	1886, . .	108	2·9	5·4
1877, . .	52	1·6	3·1	1887, . .	111	2·7	5·4
1878, . .	65	2·1	3·9	1888, . .	126	2·9	5·9
1879, . .	68	2·1	3·9	1889, . .	122	2·9	5·6
1880, . .	112	3·2	6·3	1890, . .	151	3·5	6·7
Average, .	91	2·78	5·49	Average, .	123	3·13	6·14

Of these 151 deaths from alcoholism, 123, or 81·4 per cent., were returned from the populous counties of Suffolk, Middlesex, Essex and Bristol, having but 62·6 per cent. of the population.

Of the whole number of deaths from this cause, 104, or 68·8 per cent., were men, and 47, or 31·2 per cent., were women.

Such returns cannot in any sense be regarded as an index of the prevalence of intemperance, since there can be no doubt that the desire to spare the feelings of surviving relatives limits the statement as to this cause of death to those cases where no disguise is possible.

The undue prominence of the cases reported in the more populous counties may be regarded as partly due to the public institutions existing in those counties.

In the foregoing summary no reference is made to 254 deaths by violence in 1890, which were reported by the Medical Examiners to have been caused either directly or indirectly by intemperance. These would swell the number to 405.

Old Age. — This title has usually been entered in the nosological table of causes of death under the general class of developmental diseases. It is needless, however, to state that old age is neither a disease nor a cause of death, but simply a condition or period of life. The record of "death from old age" upon a certificate usually implies that the cause was either unknown or not specified.

While 1,853 were recorded in 1890 as having died of "old age," the greater portion of whom were over 70 years of age, there were also 3,590 other persons who died of apoplexy, paralysis, heart disease, pneumonia, cancer, kidney diseases and violence, after reaching the age of 70 years, none of whom were included in the former number.

A consideration of the deaths recorded under the group entitled "old age" has greater significance when compared with the population than with the total mortality. (See table 124.)

TABLE 124. — *Deaths recorded as Deaths from Old Age, by Counties. — 1890.*

COUNTIES.	Deaths.	Death-rates per 10,000 Living.	COUNTIES.	Deaths.	Death-rates per 10,000 Living.
Barnstable, . .	47	16·1	Middlesex, .	344	8·0
Berkshire, . .	83	10·2	Nantucket, .	21	64·2
Bristol, . .	145	7·8	Norfolk, . .	107	9·0
Dukes, . .	12	27·9	Plymouth, . .	128	13·8
Essex, . . .	247	8·3	Suffolk, . .	256	5·3
Franklin, . .	53	13·7	Worcester, .	261	9·3
Hampden, . .	86	6·4			
Hampshire, . .	63	12·2	The State, .	1,853	8·3

Sex. — Of the decedents registered under this title in 1890, 1,084, or 58·5 per cent., were females, and 769, or 41·5 per cent., were males.

Season of the Year. — The deaths of this group occurred as follows: January, 241; February, 158; March, 173; April, 145; May, 131; June, 132; July, 132; August, 143; September, 130; October, 153; November, 145; December, 170.

The months having the greatest number of deaths of this class were January, March and December, and those having the least were May, June, July and September.

In table 124 are presented the deaths of this class by counties, by which it appears that the highest ratios of mortality occurred in Nantucket, Dukes, Barnstable, Plymouth and Franklin counties, and the lowest in Suffolk, Hampden, Bristol, Essex and Middlesex.

Heart Diseases. — In the registration report of last year (1889) an analysis of the statistics of mortality due to heart diseases was presented, the figures being taken from the reports of the census years since and including 1850. The principal point worthy of notice was the rapid increase in the mortality from this cause, which was out of all proportion to the increase of the population.

In addition to the causes which were presented as probable factors contributing to the increase, both real and apparent, it should also be stated that the indefinite term "heart failure" has in recent years become a popular name not only among laymen but among many physicians, as applied to many deaths, to which the term "causes unknown" or "not specified" had previously been attached in certificates of deaths.

The actual number of deaths from heart diseases had increased from 352 in 1850 to 2,227 in 1885 and 3,417 in 1890; while the ratio to the living population increased from 3·54 per 10,000 in 1850 to 11·46 per 10,000 in 1885 and 15·26 in 1890: and the percentage of the total mortality from all causes increased from 2 12 in 1850 to 5·85 in 1885 and 7·85 in 1890.

Sex. — The deaths from these causes were generally less among women than among men, and the ratios still less; since the number of women in each of the census years was consider-

ably greater than that of the men. In three of the census years — 1860, 1875 and 1890 — the actual numbers of deaths from this cause were greater among women than among men; but in neither of these years did the ratios of such deaths exceed those of the men.

Ages. — In table 126 is presented the death liability of each age-period to heart disease in each of the census years since 1850; by which it appears that the death liability generally diminishes slightly from the period of infancy (0–5 years) to the period 10–15 years, after which it increases slowly up to the age-period 20–30, and after that with great rapidity to old age; the increase after that period being nearly that of geometrical progression, especially in the years 1850 and 1890.

The increase in the liability of each age-period from year to year also varies considerably, and is most marked in the older ages; that of infancy being from 3·89 per 10,000 in 1850 to 10·56 in 1890, that of the period 5–10 years from 1·27 to 2·86, that of the age 10–15 from ·82 to 2·50, of 15–20 from ·95 to 3·90, of 20–30 from 1·10 to 4·81, of 30–40 from 2·11 to 8·99, of 40–50 from 4·31 to 12·42, of 50–60 from 8·16 to 33·88, of 60–70 from 16 67 to 65·70, of 70–80 from 32·22 to 145·91, and of all over 80 from 21·87 to 209·03.

In England the ratio of mortality from the same causes is still larger, but the increase has been very much less.

The deaths in England from diseases of the circulatory organs (a group in which heart diseases constitute at least nine-tenths of the whole number) were, in the decade 1851–60, 11·80 per 10,000 among men and 13·10 among women. In the decade 1861–70 they were 13·10 among men and 13·80 among women. In the decade 1871–80 they were 13·10 among men and 13·00 per 10,000 among women. In the year 1888 they had increased in England to 16·40 per 10,000.

The deaths due to heart diseases, as returned in Census years in Massachusetts, were as follows: —

TABLE 125. — *Deaths from Heart Diseases, and Ratios by Sexes. Census Years 1850–1890.*

YEARS.	Deaths from Heart Diseases.			Sex Unknown.	Ratios to 10,000 of Living Population.			Percentage of Total Mortality.
	Males.	Females.	Total.		Males.	Females.	Totals.	
1850, . .	182	169	352	1	3·72	3·34	3·54	2·12
1855, . .	296	225	521	–	5·38	3·86	4·60	2·51
1860, . .	344	346	690	–	5·76	5·46	5·61	2·99
1865, . .	426	379	805	–	7·07	5·69	6·35	3·07
1870, . .	514	447	962	1	7·30	5·93	6·60	3·52
1875, . .	649	681	1,331	1	8·17	7·82	8·06	3·80
1880, . .	876	850	1,726	–	10·20	9·19	9·68	4·89
1885, . .	1,117	1,110	2,227	–	11·97	11·00	11·46	5·85
1890, . .	1,695	1,722	3,417	–	*	*	15·26	7·85

TABLE 126. — *Mortality from Heart Diseases at Different Ages, compared with the Living Population at Those Ages. Ratio per 10,000. Census Years 1850–1890.*

	1850.	1855.	1860.	1865.	1870.	1875.	1880.	1885.	1890.
Under 5,	3·89	5·94	4·29	5·44	4·01	3·62	4·25	5·39	10·56
5–10, .	1·27	1·38	1·71	1·68	·93	2·01	1·57	1·98	2·86
10–15, .	·82	1·27	2·19	1·26	1·62	2·23	2·17	2·09	2·50
15–20, .	·95	1·79	2·65	2·56	2·25	3·01	2·08	2·25	3·90
20–30, .	1·10	1·99	1·88	3·31	2·51	3·31	2·96	2·80	4·81
30–40, .	2·11	2·78	4·35	3·81	4·58	4·73	5·00	5·75	8·99
40–50, .	4·31	5·49	6·29	6·01	6·87	9·51	9·16	10·27	12·42
50–60, .	8·16	8·61	10·43	8·64	12·50	14·68	16·76	20·44	33·88
60–70, .	16·67	20·95	22·24	27·28	28·08	34·30	38·69	48·72	65·70
70–80, .	32·22	27·14	45·95	51·48	55·31	59·73	85·68	94·28	145·91
Over 80,	21·87	36·76	42·38	46·99	46·39	69·09	114·81	147·74	209·03

The foregoing summary observations relate mainly to those diseases which have had the most destructive effect upon the population, including the principal diseases of the infectious or so-called "zymotic" class. There are, however, certain other diseases included within the same general class, which are worthy of special comment, although they have but little influence upon the death-rate.

The number of persons recorded as having died of cholera in 1890 was 88. These cases must necessarily be regarded as deaths from *Cholera morbus*, since Asiatic cholera has not appeared in Massachusetts since 1866.

Malarial Fevers. — From ague and remittent fever there were reported, in 1890, 60 deaths; of which number 28, or 46·7 per cent., occurred in the five western counties, having but 26 per cent. of the population. Of these, 12 occurred in Hampden County, 4 in Hampshire, 1 in Franklin, 7 in Worcester, and 4 in Berkshire. There were also 4 in Barnstable, 5 in Essex, 8 in Middlesex, 7 in Bristol, and 6 in Suffolk counties.

The numbers in other recent years, in the State, were as follows: In 1889, 77; in 1888, 34; in 1887, 46; in 1886, 32; in 1885, 56; in 1884, 31; in 1883, 75; in 1882, 42; and in 1881, 29. Total in 10 years, 405.

Syphilis. — From this disease there were reported 67 deaths in 1890; of which number 57, or 85·1 per cent., occurred in Suffolk and Middlesex counties.

Hydrophobia. —Seventeen deaths were reported from this disease: Three occurred in Bristol County, 2 in Essex, 2 in Norfolk, 7 in Middlesex, and 3 in Suffolk counties.

Glanders. — There were no deaths from glanders in 1890.

Anthrax or Malignant Pustule. — Two deaths were reported from this cause during the year. Both occurred in Norfolk County.

TABLE 127.—*Mortality from Diarrhœal Diseases, and Meteorology in the Third or Summer Quarter of Each Year.—Ten Years—1881–1890.*

YEARS.	Population.	Mortality from Diarrhœal Diseases. Third Quarter, 1890.		Mean Temperature. Fahrenheit.	Mean Barometer.	Mean Humidity.	Mean Rainfall.	
		Deaths.	Annual Rate per 1,000.				Average Amount in Inches in Each Month.	Average Number of Days in Each Month.
1881, ...	1,814,896*	2·389	5·26	67·9	30·01	75·3	2·23	8
1882, ...	1,846,707*	2·934	6·35	68·0	30·02	69·7	5·43	12
1883, ...	1,878,518*	2·541	5·40	66·1	29·86	70·7	1·54	9
1884, ...	1,910,329*	2·595	5·42	67·9	29·98	77·4	3·19	10
1885, ...	1,942,141	2·527	5·20	66·1	29·85	72·2	3·59	11
1886, ...	2,001,501*	2·492	4·98	67·1	30·00	72·0	2·73	10
1887, ...	2,060,861*	2·509	4·87	66·6	30·02	74·9	2·54	9
1888, ...	2,120,221*	2·613	4·93	67·5	29·99	72·0	5·84	10
1889, ...	2,179,582*	2·889	5·30	67·3	30·04	85·0	5·15	11
1890, ...	2,238,943	2·841	5·10	66·2	30·04	72·1	2·66	10

* Estimated.

In table 127 are presented the statistics of mortality from diarrhœal diseases (dysentery, diarrhœa, cholera infantum and cholera morbus), for the three months of July, August and September, for a period of ten years (1881–1890). A brief meteorological summary is also appended for the same period.

The mortality-rate from these diseases, during the third quarter of 1890, was less than that of 1889, but greater than that of any previous year since 1882.

The mean temperature of these months was 66·2, which was less than that of 1889.

The mean barometer of the same months was 30·04, which was the same as that of 1889, and also greater than that of either of the previous years of the decade.

The mean humidity was less than that of 1889.

The rainfall was less than that of either 1888 or 1889, but greater than that of 1887.

In tables 128 and 129 is presented a meteorological summary of the year 1890, together with the mean monthly temperature for a period of ten years (1881–1890).

TABLE 128. — *Meteorology.* — *1890.**

MONTHS.	Thermometer.				Barometer.		Mean Humidity.	Wind. Total Velocity in Miles.	Inches of Rainfall.	Days of Rain or Snow.
	Means.	Maximum.	Minimum.	Ranges.	Means.	Ranges.				
January,	30·3	62	6	56	30·16	1·71	73·3	9,593	1·97	10
February,	32·8	60	0	60	30·08	1·52	74·3	9,088	2·85	11
March,	32·2	62	2	60	29·97	1·48	71·6	10,003	6·53	14
April,	45·2	71	25	46	30·06	1·22	62·9	8,887	2·03	9
May,	56·8	77	36	41	29·96	0·90	74·0	8,643	5·06	12
June,	63·3	84	46	38	29·96	0·71	69·7	7,759	2·80	8
July,	70·0	91	51	40	30·01	0·88	67·0	7,567	1·42	5
August,	67·9	91	48	43	29·99	1·03	75·6	5,370	2·85	12
September,	61·4	80	37	43	30·12	1·01	79·0	7,261	3·70	9
October,	48·5	70	32	38	29·88	1·35	78·6	8,719	8·09	12
November,	39·4	62	11	51	30·01	1·23	77·0	8,285	1·15	4
December,	24·0	52	1	51	30·02	1·53	75·0	11,148	3·15	6
For the year,	47·6	91	1	90	30·02	1·91	73·2	102,323	41·60	112

* This summary is compiled from the Bulletins of the New England Meteorological Society, and mainly from the observations made at Cambridge.

TABLE 129.—*Mean Monthly Temperature (Fahrenheit).—1881–1890.*

MONTHS.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
January,	21·9	26·4	25·1	23·8	27·0	25·9	25·9	24·8	32·1	30·3
February,	27·7	30·4	29·2	31·0	20·5	26·6	28·9	26·1	22·9	32·8
March,	36·4	35·3	31·3	33·5	27·9	23·7	31·6	33·8	36·4	32·2
April,	42·8	42·0	44·3	42·7	46·3	47·7	43·9	44·2	47·1	45·2
May,	54·9	49·8	55·5	53·8	52·3	56·2	59·3	56·0	60·0	56·8
June,	60·6	65·9	69·0	66·0	66·4	63·1	64·5	66·0	68·2	63·3
July,	68·5	71·7	71·3	68·0	71·3	70·8	73·4	71·8	69·2	70·0
August,	69·5	69·7	67·6	68·3	67·4	67·7	67·1	69·6	65·8	67·9
September,	65·7	62·7	59·3	65·8	59·6	62·7	59·6	61·7	62·2	61·4
October,	53·3	54·6	47·4	52·3	51·1	51·5	51·0	50·3	47·4	48·5
November,	42·4	37·9	42·5	41·4	43·8	42·8	41·6	39·1	43·1	39·4
December,	37·8	30·5	28·7	33·1	32·8	28·8	32·1	29·2	34·6	24·0
Average,	48·5	48·1	47·6	48·3	47·2	48·1	48·2	47·8	47·8	47·6

STATISTICS OF CITIES.

During the period of nearly fifty years since the beginning of Registration in Massachusetts, the increase of the urban as compared with the rural population of the State has been steady and rapid. In 1842, the first year of Registration, the population of towns having more than 10,000 inhabitants (of which there were six only) was about 180,000, or 24 per cent. of the total population; while in 1890 the population of the 28 cities was 1,372,297, or 61·3 per cent. of the total population. In consequence of this increasing prominence of the urban population, it is proper that the statistics of cities should receive special attention in these reports. Hence the tables presenting the birth, marriage and death rates of the cities, which have hitherto been published separately, are combined in the present report in a single table. To these it may be found desirable in future reports to add the statistics of the principal infectious diseases or causes of death, as an index of the sanitary condition of the urban population of the State.

TABLE 130. — *Population, Births, Marriages, Deaths, 1890, and*

Number.		Population, 1880.	Birth-rates. 1870.	1875.	1880.	1885.	1890.	Average Birth-rate, Five Census Years.	Births, 1890.
1	Boston,	448,477	32·2	33·1	29·1	29·1	29·3	30·1	13,137
2	Worcester,	84,655	29·9	30·1	30·5	28·6	29·6	29·7	2,511
3	Lowell,	77,696	22·6	25·9	29·6	27·2	28·1	27·1	2,185
4	Fall River,	74,398	31·9	32·6	29·2	31·1	30·6	30·9	2,282
5	Cambridge,	70,028	32·9	26·2	30·4	27·0	30·3	29·2	2,122
6	Lynn,	55,727	25·9	24·6	22·9	23·7	25·8	24·6	1,439
7	Lawrence,	44,654	25·4	28·8	25·6	25·4	28·9	27·5	1,294
8	Springfield,	44,179	28·3	29·2	24·9	25·8	27·1	26·9	1,200
9	New Bedford,	40,733	21·5	21·9	26·4	26·2	25·6	24·6	1,044
10	Somerville,	40,152	35·9	33·5	24·8	24·8	24·9	27·5	1,000
11	Holyoke,	35,637	30·6	35·6	34·1	45·9	42·7	39·6	1,521
12	Salem,	30,801	9·4	24·4	24·4	23·2	24·8	21·7	764
13	Chelsea,	27,909	27·4	26·6	23·4	23·9	27·2	25·6	759
14	Haverhill,	27,412	22·4	26·5	24·5	26·2	24·7	24·9	678
15	Brockton,	27,294	30·3	22·8	20·1	22·3	24·8	22·9	677
16	Taunton,	25,445	26·3	24·2	25·6	27·1	26·3	25·9	671
17	Gloucester,	24,651	37·8	35·8	28·8	27·5	24·0	29·9	593
18	Newton,	24,379	22·8	18·2	18·6	20·1	21·2	20·2	518
19	Malden,	23,031	24·1	24·4	20·6	27·9	28·4	25·9	655
20	Fitchburg,	22,037	26·9	26·8	24·1	27·0	29·1	25·8	643
21	Waltham,	18,707	32·9	28·1	27·4	23·5	25·7	26·9	482
22	Pittsfield,	17,281	28·4	26·9	23·1	27·4	22·2	25·3	384
23	Quincy,	16,723	26·9	26·5	25·1	32·8	33·5	29·7	560
24	Northampton,	14,990	26·3	27·7	22·6	22·8	20·7	23·7	310
25	Chicopee,	14,050	20·6	31·5	20·5	30·0	31·2	27·1	439
26	Newburyport,	13,947	25·6	25·8	24·7	17·8	20·9	22·9	292
27	Marlborough,	13,805	48·5	39·8	30·5	30·8	28·2	34·4	390
28	Woburn,	13,499	30·8	30·3	31·8	27·1	32·6	30·5	440
	The 28 cities,	1,372,297	28·9	29·4	27·6	27·8	28·4	28·4	38,990
	The rest of the State,	866,646	23·5	23·0	20·9	21·3	21·7	22·0	18,787
	The whole State,	2,238,943	26·2	26·6	24·8	25·1	25·8	25·6	57,777

Ratios per 1,000, for Census Years, of Massachusetts Cities.

Marriage-rates.					Av'ge Marriage-rate, Five Census Years.	Marriages, 1890.	Death-rates.					Average Death-rate Five Census Years.	Deaths, 1890.	Number.
1870.	1875.	1880.	1885.	1890.			1870.	1875.	1880.	1885.	1890.			
13·3	9·7	9·6	10·3	11·0	10·6	4,937	24·3	26·2	23·7	24·6	22·5	24·1	10,126	1
11·9	8·4	9·1	7·7	9·5	9·2	808	21·8	20·9	20·9	19·4	17·6	19·7	1,495	2
12·8	10·3	12·7	10·4	12·0	11·6	933	23·2	20·5	22·0	20·7	25·2	22·5	1,960	3
8·4	9·8	9·6	9·3	10·4	9·6	777	20·8	24·0	26·3	22·5	22·9	23·4	1,705	4
10·1	8·2	7·4	8·3	9·1	8·6	641	20·4	23·3	18·0	21·0	17·7	19·9	1,240	5
12·6	8·7	12·1	11·6	11·9	11·4	662	17·2	19·2	19·5	16·9	17·0	17·8	948	6
13·3	10·9	11·2	9·3	10·6	10·9	474	17·2	26·0	21·6	19·9	26·5	22·5	1,184	7
11·0	9·7	9·9	9·7	8·6	9·6	382	18·5	20·9	19·0	18·6	19·4	19·3	861	8
11·8	10·5	9·7	11·7	12·5	11·3	509	17·8	21·7	21·9	22·1	20·6	20·9	839	9
5·5	5·9	7·7	8·6	8·9	7·7	359	17·6	22·9	17·0	18·3	16·6	18·2	668	10
14·5	13·1	11·5	10·7	8·8	11·0	316	27·2	29·3	24·0	19·0	21·3	23·1	762	11
8·4	6·8	8·3	9·1	7·3	7·9	225	20·6	22·9	23·2	20·5	23·1	22·1	714	12
10·4	8·7	10·4	9·3	10·9	10·0	305	16·8	20·1	20·5	20·1	20·3	19·7	568	13
12·1	10·0	11·8	11·1	11·6	11·4	319	15·6	16·5	18·9	17·8	18·8	17·8	518	14
10·7	7·7	9·2	10·1	11·3	10·1	310	15·9	17·3	15·9	15·8	16·3	16·2	444	15
9·4	7·3	7·1	7·6	8·5	8·0	217	19·8	19·8	18·6	19·8	19·4	19·5	493	16
13·6	9·2	8·2	11·2	7·3	9·7	180	23·2	28·4	25·2	19·5	17·4	21·8	424	17
8·5	6·9	7·6	8·1	8·5	7·9	209	10·1	13·9	15·8	13·1	13·7	13·1	333	18
7·5	8·0	7·5	9·4	10·0	8·9	232	15·9	18·3	21·4	14·9	16·0	17·0	369	19
11·7	7·7	8·1	8·3	9·8	9·1	217	18·5	16·0	19·2	18·3	14·6	17·0	323	20
13·8	9·1	8·3	9·6	9·1	8·3	170	14·9	16·7	14·9	15·2	15·2	15·3	284	21
9·7	7·6	7·5	7·2	6·7	7·6	117	15·5	19·5	17·2	18·5	19·9	18·3	345	22
8·8	7·1	7·4	8·2	8·0	7·9	134	17·8	17·9	16·7	17·9	21·2	18·7	355	23
15·6	8·4	8·8	7·9	8·2	9·6	124	15·9	23·2	17·5	15·1	15·1	17·2	226	24
12·4	8·1	7·3	8·4	12·5	9·8	176	18·4	16·9	17·8	24·2	23·6	20·5	332	25
10·0	11·5	10·2	7·9	9·4	9·8	132	18·2	23·6	22·4	17·9	22·9	21·1	320	26
9·4	7·8	6·5	8·0	8·0	7·9	111	19·8	16·2	13·2	16·7	19·5	17·2	269	27
8·0	6·1	7·7	8·1	6·9	7·3	93	17·0	20·9	16·6	20·8	16·4	18·3	222	28
11·8	9·2	9·5	9·6	10·2	10·0	14,069	20·9	23·1	21·5	21·1	20·6	21·4	28,327	
8·4	7·1	7·6	7·5	7·8	7·7	6,769	16·6	18·6	17·5	17·5	17·5	17·5	15,201	
10·1	8·3	8·7	8·8	9·3	9·0	20,838	18·7	21·2	19·8	19·6	19·4	19·7	43,528	

TABLE 131. — RECAPITULATION.

Births, Marriages and Deaths, and Ratios per 1,000 for 1890, in groups of Cities and Towns.

			Births.	Birth-rates.	Marriages.	Marriage-rates.	Deaths.	Death-rates.
1 city,	population,	448,477	13,137	29·3	4,937	11·0	10,126	22·5
1 city,	" 80,000 to 90,000,	84,655	2,511	29·7	808	9·5	1,495	17·6
3 cities,	" 70,000 to 80,000,	222,122	6,589	29·7	2,351	10·6	4,905	22·1
1 city,	" 50,000 to 60,000,	55,727	1,439	25·8	662	11·9	948	17·0
4 cities,	" 40,000 to 50,000,	169,718	4,538	26·7	1,724	10·2	3,552	20·9
2 cities,	" 30,000 to 40,000,	66,438	2,285	34·4	541	8·1	1,476	22·2
8 cities,	" 20,000 to 30,000,	202,201	5,194	25·7	1,989	9·8	3,472	17·2
17 cities and towns,	" 10,000 to 20,000,	225,788	6,180	27·4	1,925	8·5	4,035	17·9
35 towns,	" 5,000 to 10,000,	250,070	6,171	24·7	2,162	8·6	4,282	17·1
30 towns,	" 4,000 to 5,000,	134,154	2,896	21·6	1,025	7·6	2,413	18·0
22 towns,	" 3,000 to 4,000,	75,619	1,633	21·6	578	7·6	1,295	17·1
48 towns,	" 2,000 to 3,000,	119,231	2,269	19·0	818	6·9	2,228	18·7
84 towns,	" 1,000 to 2,000,	122,718	1,971	16·1	884	7·2	2,217	18·1
95 towns,	" less than 1,000,	62,025	964	15·5	434	7·0	1,084	17·5

Birth-rates. — In the foregoing tables it appears that the highest and lowest birth-rates for the year 1890 were in the following cities in the order named: —

Births per 1,000 of the Population. — 1890.

Highest.		*Lowest.*	
Holyoke,	42·7	Gloucester,	24·0
Quincy,	33·5	Pittsfield,	22·2
Woburn,	32·6	Newton,	21·2
Chicopee,	31·2	Newburyport,	20·9
Fall River,	30·6	Northampton,	20·7

For the five census years the average birth-rates were as follows for the cities having the highest and lowest ratios: —

Birth-rates. — 1870–1890. — Five Census Years.

Highest.		*Lowest.*	
Holyoke,	39·6	Northampton,	23·7
Marlborough,	34·4	Newburyport,	22·9
Fall River,	30·9	Brockton,	22·9
Woburn,	30·5	Salem,	21·7
Boston,	30·1	Newton,	20·2

Marriage-rates. — The following cities had the highest and lowest marriage-rates for the year 1890, in the order named: —

Highest.		*Lowest.*	
Chicopee,	12·5+	Quincy,	8·0
New Bedford,	12·5—	Salem,	7·3
Lowell,	12·0	Gloucester,	7·3
Lynn,	11·9	Woburn,	6·9
Haverhill,	11·6	Pittsfield,	6·7

The following cities had the highest and lowest marriage-rates for the five census years 1870–1890, in the order named: —

Highest.		*Lowest.*	
Lowell,	11·6	Newton,	7·9
Lynn,	11·4	Salem,	7·9
Haverhill,	11·4	Somerville,	7·7
New Bedford,	11·3	Pittsfield,	7·6
Holyoke,	11.0	Woburn,	7·3

Quincy and Marlborough also had ratios of 7·9 for the five census years.

Death-rates. — The following cities had the highest and lowest death-rates for the year 1890, in the order named: —

Highest.		*Lowest.*	
Lawrence,	26·5	Malden,	16·0
Lowell,	25·2	Waltham,	15·2
Chicopee,	23·6	Northampton,	15·1
Salem,	23·1	Fitchburg,	14·6
Newburyport,	22·9	Newton,	13·7

The following cities had the highest and lowest death-rates for the five census years 1870–1890: —

Highest.		*Lowest.*	
Boston,	24·1	Fitchburg,	17·0
Fall River,	23·4	Malden,	17·0
Holyoke,	23·1	Brockton,	16·2
Lowell,	22·5	Waltham,	15·3
Lawrence,	22·5	Newton,	13·1

Natural Growth. — The excess of the birth-rates over the death-rates (indicating the natural growth) was as follows for the five census years: —

Highest.		*Lowest.*	
Marlborough,	17·2	Lawrence,	5·0
Holyoke,	16·5	Lowell,	4·6
Woburn,	12·2	New Bedford,	3·7
Waltham,	11·6	Newburyport,	[illegible]
Quincy,	11·0	Salem,	[illegible]

THE RETURNS OF MEDICAL EXAMINERS.

The following summary is presented in compliance with the requirements of Chapter 379 of the Acts of 1885, that the Secretary "shall prepare or cause to be prepared from such returns, such tabular results as will render them of practical utility," and that these shall annually be reported "to the General Court, in connection with the report of the registry and return of births, marriages and deaths."

The "practical utility" of these tabulated results consists not only in the publication for the benefit of the people of the State of the results of the operation of a law, which wrought a radical change in the old methods of medico-legal inquiry, but also in its effect upon other States. Within the few years since its enactment a widespread interest has grown up in other States, in some of which similar, though less radical changes, have been made.

During the year 1890 the number of medical examiners has continued the same as in the previous year. In the seventy-two districts there were seventy-three medical examiners. The third district of Dukes County still remained vacant.

The number of deaths investigated by the medical examiners during the year was 1,773. These deaths resulted from sudden, suspicious, unknown and violent causes. This number was greater by 119 than the deaths reported in 1889 from the same causes by the medical examiners. Of this number 1,303 or 73·5 per cent. were males and 449 or 25·3 per cent. were females, and the sex of 21 was not specified in the returns.

The comparative data for the five years of registration were as follows: —

YEARS.	Sex.						Totals.
	Males.	Per Cent.	Females.	Per Cent.	Unspecified.	Per Cent.	
1885, . . .	973	76·1	286	22·4	19	1·5	1,278
1886, . . .	1,027	74·5	319	23·2	32	2·3	1,378
1887, . . .	1,191	76·5	350	22·5	15	1·0	1,556
1888, . . .	1,261	76·4	373	22·6	17	1·0	1,651
1889, . . .	1,253	75·8	388	23·4	13	0·8	1,654
1890, . . .	1,303	73·5	449	25·3	21	1·2	1,773
Totals, .	7,008	75·4	2,165	23·3	117	1·3	9,290

Homicide. — The number of deaths from homicide was 35, or 1·97 per cent. of the whole number investigated during the year, as compared with 51, or 3·08 per cent. in 1889, 3·15 per cent. in 1888 and 3·34 per cent. in 1887.

Of the whole number 4 were by infanticide, 3 by abortion, 9 by fire-arms, 3 by stabbing, and 16 by other methods.

Suicide. — The number of deaths from suicide reported by the medical examiners in 1890 was 196, or 11·06 per cent. of the whole number of cases investigated as compared with 199, or 12·03 per cent. in 1889, 11·5 per cent. in 1888 and 11·1 per cent. in 1887.

Methods. — Of the whole number of suicides, 45 were committed by fire-arms, 23 by cutting the throat, or stabbing, 30 by drowning, 45 by hanging, 48 by taking poison, and 5 by other methods.

Of the 48 suicides by poisoning, 17 were by arsenic in some of its forms; 19 by opium or some of its preparations and 12 by other poisons.

Sex. — Of the 196 deaths reported as suicides, 156, or 79·6 per cent. were males, and 40, or 20·4 per cent. were females, as compared with 78·9 and 21·1 per cent. respectively in 1889.

Of the 68 suicides by shooting and throat-cutting all except 3 were males. Of the 30 by drowning 20 were males, and of the 45 by hanging 35 were males. Of the 48 by poisoning, 34 were males.

Three persons committed suicide by leaping from a height and one by inhaling illuminating gas.

The following tables present the statistics of suicide in Massachusetts for a series of 20 years in two ten-year periods, (1871–80 and 1881–90.) The ratios to the total mortality in each county are also presented for these periods.

TABLE 132. — *Deaths from Suicide, by Counties. — 1871–1880.*

COUNTIES.	1871.	1872.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	TOTALS. Numbers.	TOTALS. Ratio to Total Mortality per 1,000. 1871-1880.
THE STATE,	122	117	117	115	159	119	163	126	161	133	1,332	4·1
Barnstable,	4	2	–	–	4	1	1	3	3	–	18	3·0
Berkshire,	3	2	1	2	3	2	7	4	3	3	30	2·7
Bristol,	7	6	8	7	7	6	8	8	11	6	74	2·8
Dukes,	–	–	–	–	–	1	–	–	–	–	1	1·4
Essex,	11	13	16	14	23	16	33	22	17	14	179	3·9
Franklin,	3	7	–	4	3	1	1	2	4	5	30	5·3
Hampden,	8	10	4	5	5	2	7	2	7	12	62	3·4
Hampshire,	4	3	5	5	2	3	2	5	6	3	38	4·6
Middlesex,	27	15	26	26	29	23	28	22	22	25	243	4·2
Nantucket,	–	–	–	–	–	–	1	–	–	1	2	1·9
Norfolk,	6	6	5	9	8	9	13	7	12	8	83	5·5
Plymouth,	8	8	6	4	6	4	6	3	12	1	59	4·8
Suffolk,	28	29	32	20	40	33	34	33	35	39	273	3·3
Worcester,	13	16	14	19	29	18	22	15	29	16	191	5·0

TABLE 133.—*Deaths from Suicide, by Counties.—1881–1890.*

COUNTIES.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	TOTALS. Numbers.	TOTALS. Ratio to Total Mortality per 1,000. 1881-1890.
THE STATE,	165	162	167	184	176	149	173	190	199	196	1,761	4·5
Barnstable,	1	4	2	2	1	4	3	3	2	2	24	4·2
Berkshire,	6	7	4	9	11	3	6	9	11	13	79	5·9
Bristol,	13	10	10	13	12	10	10	11	14	16	119	3·6
Dukes,	–	–	–	–	–	.	–	–	–	1	1	1·0
Essex,	26	27	20	19	13	20	22	23	26	24	220	4·3
Franklin,	3	–	1	8	3	5	3	5	3	6	37	5·9
Hampden,	12	3	12	14	5	4	11	10	9	8	88	3·9
Hampshire,	5	5	4	10	8	10	3	4	4	4	57	6·5
Middlesex,	23	17	24	20	33	16	27	36	36	27	259	3·7
Nantucket,	1	–	1	–	–	–	1	–	1	1	5	5·0
Norfolk,	8	5	10	8	15	11	10	7	13	15	102	5·8
Plymouth,	4	7	6	5	6	6	4	5	5	5	53	3·8
Suffolk,	41	55	45	53	46	46	58	50	56	54	504	4·9
Worcester,	22	22	28	23	23	14	15	27	20	20	214	4·7

By these statistics it appears that there was a slight increase in the ratio of deaths from this cause in the latter period, as compared with the former, not only in the State as a whole, but also in nearly every county, the exceptions being Dukes, Middlesex, Plymouth and Worcester counties, in each of which there was a decrease.

The mortality from suicide in the different counties for the year 1890 presented the following order: —

Suffolk,	54	Hampden,	8
Middlesex,	27	Franklin,	6
Essex,	24	Plymouth,	5
Worcester,	20	Hampshire,	4
Bristol,	16	Barnstable,	2
Norfolk,	15	Nantucket,	1
Berkshire,	13	Dukes,	1

Recapitulation.

YEARS.	Homicide.		Suicide.		Accident or Negligence.		Natural and Unknown Causes, including Alcoholism.		Totals.
	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.	
1885,	45	3·52	181	14·17	567	44·37	485	37·94	1,278
1886,	47	3·41	157	11·38	678	49·17	496	36·00	1,378
1887,	52	3·34	173	11·12	748	48·07	583	37·47	1,556
1888,	52	3·15	190	11·51	785	47·55	624	37·79	1,651
1889,	51	3·08	199	12·03	792	47·89	612	37·00	1,654
1890,	35	1·97	196	11·05	862	48·62	680	38·36	1,773
Totals,	282	3·04	1,096	11·79	4,432	47·71	3,480	37·46	9,290

Accident or Negligence. — From accident or negligence there were 862 cases or 48·62 per cent. of the whole number, as compared with 792, or 47·89 per cent. in 1889, 785, or 47·55 per cent. in 1888, and 748, or 48·05 per cent., in 1887.

From all other causes, including alcoholism and various natural as well as certain unknown or ill-defined causes, usually of a sudden nature, or of a character liable to give rise to suspicion of violence, there were 680 deaths, or 38·36 per cent.

of the whole number, as compared with 612 deaths, or 37 per cent., from similar causes in 1889.

The principal modes of death from accidental causes were as follows: —

By fire-arms and other weapons,	11	By drowning,	230
elevators,	18	other forms of asphyxia,	25
other machinery,	11	poisons,	14
railroad accidents,	283	weather agencies: heat, cold, exposure, etc.,	14*
horse railroads and other vehicles,	49	lightning,	3
burns, scalds and explosions,	43	other accidental causes,	17
falls, blows and falling bodies,	104		

Intemperance. — Of the deaths which were reported by the medical examiners as being due either directly or indirectly to the use of intoxicating drinks, 3 were cases of homicide, 33 were cases of suicide, 95 were accidental deaths, and 123 were from natural or ill-defined causes.

Of the deaths by suicide reported as due to intemperance, 6 were by drowning, 10 by poison, 4 by cutting the throat and 13 by other modes. Of the deaths by accident 14 were by drowning, 27 by falls and blows, 28 by railroad accidents, 6 by poison, and 20 by other methods.

There was an increase in the number of deaths of infants, caused by overlaying, and accidental smothering in bed by drunken parents.

The total of these cases reported as due either directly or indirectly to intemperance was 254.

Expenses of Medical Examination for 1890.

The total expenses of the medical examinations for the year 1890, including the cost of registration, was $20,710.63. The average cost of each of the 1,773 medical examinations was $11.68. In Bristol, Essex, Hampden, Hampshire and Middlesex, the expense was greater, and in the remaining counties it was less, than that of the previous year.

The expenses of the four years 1885–1890 were as follows: —

* Note. — Of these, seven deaths were caused by the tornado at Lawrence.

YEAR.	Total Number of Cases Examined.	Autopsies.	Total Expenses.	Average Expense of Each Case.
1885, ...	1,260	165	$16,322 54	$12 95
1886, ...	1,378	202	18,024 22	13 08
1887, ...	1,556	188	18,626 26	11 97
1888, ...	1,651	219	19,611 53	11 88
1889, ...	1,654	216	19,489 69	11 78
1890, ...	1,773	206	20,710 63	11 68

In the following itemized table are presented the expenses of conducting the medical examinations in each county and for the whole State, for the year 1890.

TABLE 134. — *Expenses incurred in conducting the Medical Examinations required by the Medical Examiner Laws of Massachusetts. — 1890.*

COUNTIES.	Number of Cases.	Autopsies.	Fees of Medical Examiners.	Mileage.	Witnesses and Clerks.	Chemists and Other Experts.	Burial, Removal, Recovery and Care of Bodies.	Incidentals.	Totals.
Barnstable,	21	5	$230 00	$30 00	$42 00	–	–	–	$302 00
Berkshire,	67	9	560 00	49 90	72 80	–	–	$1 00	683 70
Bristol,	155	9	1,005 00	77 80	82 00	–	$107 00	6 00	1,277 80
Dukes,	2	–	10 00	1 80	–	–	–	–	11 80
Essex,	231	18	1,600 00	80 50	132 00	–	38 00	–	1,850 50
Franklin,	29	2	195 00	44 00	–	–	15 00	–	254 00
Hampden,	127	10	885 00	65 10	105 00	$130 00	147 40	48 50	1,381 00
Hampshire,	27	1	160 00	23 60	–	–	24 00	–	207 60
Middlesex,	256	14	1,620 00	103 20	81 00	50 00	40 00	2 65	1,896 85
Nantucket,	2	–	5 00	3 10	–	–	–	–	8 10
Norfolk,	107	1	560 00	62 40	9 60	–	–	–	632 00
Plymouth,	41	2	250 00	54 50	9 00	–	–	–	313 50
Suffolk,	554	122	8,500 00	313 03	839 00	90 00	589 00	–	10,331 03
Worcester,	154	8	960 00	105 95	56 00	50 00	128 00	–	1,299 95
Totals,	1,773	201	$16,540 00	$1,014 88	$1,428 40	$320 00	$1,088 40	$58 15	$20,449 83
Registration,	–	–	–	–	–	–	–	–	260 80
									$20,710 63

Among the deaths from violence which are especially worthy of note as recorded in the returns of the medical examiners for 1890, are the following groups of cases: —

The drowning of eight persons on May 25 by the upsetting of a boat in Watuppa Lake, Fall River.

The deaths of seven persons at South Lawrence, on the 26th of July, from injuries received in the tornado which swept through that city on that day.

Twenty-three persons lost their lives by a railroad accident which occurred upon the Old Colony Railroad at Quincy in August.

Twelve deaths of Italians occurred in a burning building on North Street in Boston, on February 2.

Another feature of public interest in the present report is the increase of deaths from illuminating-gas poisoning which has very quickly followed the introduction of water-gas. The number of these deaths, eleven in all in 1890, was greater than the whole number of deaths from the same cause which had occurred in Massachusetts for the entire period of fifty years previous to the introduction of this dangerous agent.

Illustrative Cases.

Deaths from Electricity.

Male, aged forty-two. Nov. 10, 1890. View at 5.30 P.M. Was at work on the electric-light wires, after the current had been turned on, and carelessly took hold of an exposed wire. Death was instantaneous.

Two males, aged seventeen and twenty. Winchendon, September 26. View at 8 P.M. These young men were returning from a drive. They saw a guy wire on the ground, and picked it up. The wire had come in contact with a live wire of an electric light, and both men were killed instantly. Hands were much burned, otherwise the bodies presented a normal appearance.

Deaths by Asphyxia from the Inhalation of Illuminating Gas.

Male, aged sixty-one. January 5, 11.05 A.M. A very intemperate man took a room at a hotel in Boston at 11.30 P.M., January 4. At 10 A.M., January 5, was found dead in his bed; room full of gas, gas-cock turned half on (it turned easily), and gas escaping freely. Body warm, skin dusky, not livid.

M., aged twenty-three. November 27, 4.22 P.M. With a woman, took a room at a hotel, between 11 and 12 P.M., November 26. At 2 P.M., November 27, odor of gas in hallway drew attention to their room. Door (locked on inside) was forced; room found full of gas, stop-cock of gas fixture turned on "full." He was dead, lying in a perfectly natural position on his side. He had vomited. His face and neck showed lividity. Large bright-red patches on skin of chest and abdomen. The woman, who was in bed with

him, was unconscious. The man had been drinking through the previous day, November 26.

Female. April 14. Death by illuminating gas. Room had two windows and a door, tightly closed. There was evidence that the deceased had taken chloroform, and both gas burners were open. It was without doubt a case of suicide.

Male, aged seven. Fatally suffocated by illuminating gas, in a tenement-house, November 21. The boy was boarding with a woman, and both were found asphyxiated. The boy died, and the woman recovered. Stop-cock open, and turned easily. Circumstances tended to show that the gas had been turned on intentionally.

Female, aged twenty-one. View November 28, at 2 P.M. This woman was removed to the City Hospital, where she died at 8 A.M., November 28, after inhaling much oxygen without material effect. The coma continued throughout. Autopsy: Dull blue (not red) livid stains of dependent parts. Blood in heart clotted; its color was slightly more florid than usual. Both lower lobes were solidified in first stage of pneumonia. Upper lobes crepitant, and showing cherry-red color in limited areas. Bronchial mucous membrane red, with blood-stained mucus upon it. No odor of gas. Abdominal organs normal. Pelvic organs much congested. Salpingitis.

Male, aged twenty-three. View December 3, at 4.35 P.M. He was found dead in bed at 11.30 A.M., December 3. The room was filled with gas, the door was shut, and there was no ventilation. It appeared that in the dark, early that morning, on returning from a party, he had tried to adjust a defective rubber tube upon the gas-fixture for the purpose of warming his room by a gas-stove. He had turned on the gas full, had lighted it at the stove, and had gone to bed. The tube had slipped off and the escaping gas had fatally poisoned him. His skin had a dusky look. The countenance was natural, displaying no distress.

M., aged twenty-seven. View August 10, at 11 A.M. This man had been visiting in Boston and its vicinity for a week. He had not drunk to excess. He was found dead in his room with the gas turned on, and all the windows and transoms shut. He had no money. The autopsy showed pink, fluid blood, pink muscles, and congestion of the lungs.

Male, aged thirty-five. View December 23, at 11 A.M. This man was a drummer, — a periodic drinker. Came to a hotel in Boston a week ago, and was drunk all the time since. He was found dead in his room, lying across the bed, with the room full of gas, and the bracket broken off close to the wall. He probably grasped it as he was reeling about, and broke it.

B., male, aged nineteen. View at 11.30 A.M., October 2. Arrived in Boston, October 1, and registered with a friend at a hotel. They are said to have blown the gas out. This morning B. was found dead on his bed, and his friend was carried insensible to the hospital. The latter recovered, and claims that the gas was not blown out, but that the fixture was out of order. The stop-cock was turned too far. Both men were from the British Provinces.

Two persons, a mother and daughter, aged forty-one and eight years, were found dead in bed in Worcester on the morning of May 15. View was made by the medical examiner at 11.30 A.M., on that day, and a return made of asphyxia by illuminating gas in each case. The room in this case had three windows, all of which were closed, and contained about three thousand cubic eet of air space. One gas burner was found open, it is not certain whether another was open or shut.

Among the suicides by poisoning in which the poison was not specified in the general summary, were one by strychnine, one by inhalation of chloroform, one by oil of checkerberry, one by powder of cantharides, one by wood alcohol, and one by a mixture of laudanum, aconite and chloroform.

The following case of suicide by Paris green, with record of autopsy, is worthy of note: —

Female, aged thirty-nine. View at 2.55 A.M., March 14, 1890. Autopsy at 10.10 A.M. same day. This woman, intemperate, was found sick in bed by her husband on his return from work at night. He supposed she was intoxicated, and left her without aid till 11 P.M., when she called for water. He gave her some water, and left her. Soon he heard his wife moaning, and, going to her, found her unconscious and in convulsions. He ran out for help, secured a physician, who, on seeing the woman, said she was poisoned and dead. He informed the police, who arrested the husband on suspicion of homicide. Autopsy: Nothing noteworthy externally. Heart showed well-defined subendocardial ecchymoses, and its muscle was pale yellow and friable. Lungs and bronchi normal. When œsophagus was divided, a large clump of bright-green material escaped from the opening, and gave a key to the cause of death. Much of the same green pigment was found in the stomach and intestines. The gastric mucosa was pale, swollen, sodden, and very soft; in it were numerous dull, brownish-red dots; no erosions or bright-red ecchymoses. Mucous membrane of jejunum and duodenum was unaltered; that of lower ileum was of a dull, diffused pink color. Colon and rectum nearly normal. Kidneys showed very pale cortex, and red medulla. Liver slightly enlarged, yellowish red, with circumscribed areas of brighter yellow. Pelvic organs and brain not abnormal. It transpired after the autopsy that the woman had bought two ounces of Paris green from a druggist early on the day of her death, and had subsequently been found vomiting, very thirsty, and with severe abdominal pain. The fact of suicide was not determined before the autopsy, nor was any motive for it ascertained. The medical examiner returned the death as one of suicide by Paris green.

In one case in which a suicide was reported from taking laudanum, it was also reported by the medical examiner that "the law in regard to the sale of poisons was not complied with by the person who sold this poison."

The two following cases illustrate the need of restrictions for the purpose of limiting the so-called processes of embalming: —

C. S. G., aged forty. View and autopsy at 10 A.M., May 24. A woman was taken suddenly ill on the evening of May 23, and died in less than three hours; her symptoms were those of poisoning. Autopsy: All the internal organs with the exception of the stomach appeared to be healthy. This organ contained about one pint of a dark fluid, with some particles of meat

fibre at the fundus of the stomach. The coats were highly congested, and of a mahogany color, thickened, and of a corrugated appearance. The stomach and contents were given to a chemist for analysis. His report was as follows: "The appearance of the stomach was undoubtedly due to some corrosive poison, but it unfortunately turned out that the undertaker had poured down into the stomach embalming fluid an hour before the autopsy, which precluded finding arsenic or mercury, administered before death, as the fluid contained these poisons. The action of embalming fluid could not have produced the appearances found in the stomach, because no change in the tissues, except putrefaction, takes place after death, and the stomach had not shown the least sign of putrefaction."

Female, aged twenty-three. View and autopsy April 8, at 11 A.M. Body well nourished; no external marks of violence except a small punctured wound two inches below and to the right of the umbilicus (made by undertaker). No signs of any erosions about the mouth. Section: Vessels of intestine and mesentery injected; right side of heart distended with dark, fluid blood; kidneys and liver injected; duodenum, mucous membrane red in spots; the remainder of the intestinal tract normal in appearance. Valves and cavities of the heart normal; lungs heavy, and filled with dark, fluid blood. The œsophagus and duodenum were ligated, and the stomach carefully removed. The organ was opened over a perfectly clean glass jar, and all of the contents saved and sealed. The mucous membrane of the stomach was markedly injected, and was dotted over with minute white particles. The organ was placed in a clean glass jar, and sealed. The other organs of the body were normal in appearance, with the exception of the brain, the vessels of which were filled with dark, fluid blood. A portion of the liver, the kidneys, the stomach and its contents, and the brain, were delivered to a chemist for chemical examination. He found fragments of crystals of white arsenic and "a relatively large amount of arsenic in the form of arsenious acid." The husband of the woman got up early and prepared the breakfast. Mrs. —— and a child drank coffee and ate steak which he had prepared; both were taken sick, and Mrs. —— died after about two and a half hours of sickness. The husband had the body "embalmed" within an hour after death. The chemist found a large quantity of arsenic and some compound of mercury in all the organs, but in the contents of the stomach only about two ounces of arsenic alone was found. Arsenic was also found in the pan in which the meat had been cooked. At the inquest the undertaker swore that he poured a pint of fluid into the mouth and nostrils of the body. The husband was discharged. The result was wholly due to the so-called "embalming."

APPENDIX.

LAWS CONCERNING THE REGISTRATION OF BIRTHS, MARRIAGES AND DEATHS.

[Public Statutes — Chapter 32.]

OF THE REGISTRY AND RETURN OF BIRTHS, MARRIAGES AND DEATHS.

SECTION 1. The clerk of each city and town shall receive or obtain, and record and index, the following facts concerning the births, marriages and deaths therein, separately numbering and recording the same in the order in which he receives them, designating in separate columns as follows: —

In the record of births, the date of birth, the place of birth, the name of the child, (if it has any,) the sex and color of the child, the names and the places of birth of the parents, the occupation of the father, the residence of the parents, and the date of the record.

In the record of marriages, the date of the marriage, the place of marriage, the name, residence, and official station of the person by whom married, the names and the places of birth of the parties, the residence of each, the age and color of each, the condition of each, (whether single or widowed,) the occupation, the names of the parents, and the date of the record. [Amended 1887, 202, § 5.

In the record of deaths, the date of the death, the name of the deceased, the sex, the color, the condition, (whether single, widowed, or married,) the age, the residence, the occupation, the place of death, the place of birth, the names and places of birth of the parents, the disease or cause of death, the place of burial, and the date of the record. [Amended 1890, 402.]

SECT. 2. Parents shall give notice to the clerk of their city or town of the births and deaths of their children; every householder shall give like notice of every birth and death happening in his house; the eldest person next of kin shall give such notice of the death of his kindred; the keeper of a workhouse, house of correction, prison, hospital, or almshouse, except the state almshouse, and the master or either commanding officer of a ship, shall give like notice of every birth and death happening among the persons under his charge. Whoever neglects to give such notice for the space of six months after a birth or death shall forfeit a sum not exceeding five dollars. [Amended 1888, 63; 1888, 306, § 1.]

SECT. 3. A physician who has attended a person during his last illness shall, when requested within fifteen days after the decease of such person, forthwith furnish for registration a certificate of the duration of the last sickness, the disease of which the person died,

NOTE. — Additional and amendatory laws referred to in brackets will be found upon succeeding pages.

and the date of his decease as nearly as he can state the same. If a physician refuses or neglects to make such certificate, he shall forfeit ten dollars to the use of the town in which he resides. [Amended 1887, 202, § 2.]

SECT. 4. Every sexton, undertaker, or other person having charge of a burial-ground, and every undertaker or superintendent of burials having charge of the funeral rites preliminary to the interment of a human body, shall forthwith obtain and return to the clerk of the city or town in which the deceased resided, or the death occurred, the facts required by this chapter to be recorded by said officer concerning the deceased, and the person making such return shall receive from his city or town the fee of twenty-five cents therefor. [Amended 1888, 306, § 2.]

SECT. 5. No human body shall be buried or removed from any city or town until a proper certificate has been given by the clerk or registrar to the undertaker, sexton, or other person performing the burial or removing the body. Such certificate shall state that the facts required by this chapter have been returned and recorded; and no clerk or registrar shall give such certificate or burial permit until the certificate of the cause of death has been obtained from the physician, if any, in attendance at the last sickness of the deceased, and placed in the hands of said clerk or registrar; and in cities and towns where there are boards of health, the certificate of the cause of death shall also be approved by such board before a permit to bury is given by the registrar or clerk. Upon application, the chairman of the board of health, or any physician employed by any city or town for such purpose, shall sign the certificate of the cause of death to the best of his knowledge and belief, if there has been no physician in attendance. He shall also sign such certificate, upon application, in case of death by dangerous contagious disease, or in any other event when the certificate of the attending physician cannot for good and sufficient reasons be early enough obtained. In case of death by violence, the medical examiner attending shall furnish the requisite medical certificate. Any person violating the provisions of this section shall be punished by fine not exceeding twenty-five dollars.

SECT. 6. The boards of health of towns and the mayor and aldermen of cities shall, on or before the first day of July in each year, license a suitable number of undertakers to take charge of the funeral rites preliminary to the interment of a human body.

SECT. 7. Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city and town, except Boston, a correct list of all children born therein during the month next preceding at the birth of which they were present, stating the place and date of each birth, and the parents' names. [Amended 1883, 158; 1889, 288.]

SECT. 8. The clerk of each city and town shall give public notice that he is prepared to furnish, to all physicians and midwives applying therefor, blanks for returns under the preceding section.

SECT. 9. Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty dollars.

SECT. 10. The clerk of each city and town shall annually, on or before the first day of March, transmit to the secretary of the com-

monwealth certified copies of the records of the births, marriages, and deaths which have occurred therein during the year ending on the last day of the preceding December.

SECT. 11. The record of the town clerk relative to a birth, marriage, or death, shall be prima facie evidence, in legal proceedings, of the facts recorded. A certificate, signed by the town clerk for the time being, shall be admissible as evidence of such record.

SECT. 12. The clerk of each city and town, (except in such cities and towns as choose a registrar, in which cases the provisions of this section shall apply to the registrar,) for receiving or obtaining, recording, indexing, and returning the facts relating to marriages, births, and deaths occurring therein, shall be entitled to receive from the city or town for each marriage, fifteen cents; for each birth, fifty cents; for each death returned to him by the persons specified in sections two, three, and four, twenty cents for each of the first twenty entries, and ten cents for each subsequent entry; for each death not so returned, but by him obtained and recorded, thirty-five cents, as the same shall be certified by the secretary of the commonwealth; but a city or town containing more than ten thousand inhabitants may limit the aggregate compensation allowed to their clerk or registrar. He shall forfeit not less than twenty nor more than one hundred dollars for each refusal or neglect to perform any duty required of him by sections one, two, three, four, ten, twelve, fourteen, sixteen, and eighteen.

SECT. 13. The superintendent of the state almshouse shall obtain, record, and make return of the facts in relation to the births and deaths which occur in his institution, in like manner as is required of town clerks. The clerk of a town in which such almshouse is located shall, in relation to the births and deaths of persons in said almshouse, be exempt from the duties otherwise required of him by this chapter.

SECT. 14. The secretary shall at the expense of the commonwealth prepare and furnish to the clerks of the several cities and towns, and to the superintendent of the state almshouse, blank books of suitable quality and size to be used as books of record under this chapter, blank books for indexes thereto, and blank forms for returns, on paper of uniform size; and shall accompany the same with such instructions and explanations as may be necessary and useful. City and town clerks shall make such distribution of blank forms of returns furnished by the secretary as he shall direct.

SECT. 15. The secretary shall cause the returns received by him for each year to be bound together in one or more volumes with indexes thereto. He shall prepare from the returns such tabular results as will render them of practical utility, make report thereof annually to the general court, and do all other acts necessary to carry into effect the provisions of this chapter.

SECT. 16. A city or town containing more than ten thousand inhabitants may choose a person other than the clerk to be registrar, who shall be sworn, and to whom all the provisions of this chapter concerning clerks shall apply. The returns and notices required to be made and given to clerks shall be made and given to such registrar under like penalties.

SECT. 17. The secretary of the commonwealth shall prosecute, by an action of tort in the name of the commonwealth, for the recovery of any penalty or forfeiture imposed by sections two, three, twelve, sixteen, and eighteen.

SECT. 18. A city or town may make rules and regulations to enforce the provisions of this chapter, or to secure a more perfect registration of births, marriages, and deaths therein.

[St. 1883, Chapter 124.]

AN ACT RELATING TO THE REMOVAL AND THE TRANSPORTATION OF CERTAIN BODIES FOR BURIAL.

Be it enacted, etc., as follows:

SECTION 1. Section five of chapter thirty-two of the Public Statutes, relating to the burial or removal of bodies for burial, is amended by inserting in the eleventh line thereof, after the word "bury," the words "or remove."

SECT. 2. No railroad corporation, or other common carrier or person, shall convey or cause to be conveyed, through or from any city or town in this commonwealth, the remains of any person who has died of small-pox, scarlet fever, diphtheria, or typhoid fever, until such body has been so encased and prepared as to preclude any danger of communicating the disease to others by its transportation; and no local registrar or clerk shall give a permit for the removal of such body until he has received from the board of health of the city, or the selectmen of the town where the death occurred, a certificate, stating the cause of death, and that said body has been prepared in the manner set forth in this section, which certificate shall be delivered to the agent or person who receives the body.

SECT. 3. This act shall take effect upon its passage. [*Approved April 11, 1883.*

[St. 1887, Chapter 335.]

AN ACT IN ADDITION TO AN ACT RELATING TO THE REMOVAL AND TRANSPORTATION OF CERTAIN BODIES FOR BURIAL.

Be it enacted, etc., as follows:

Section two of chapter one hundred and twenty-four of the acts of the year eighteen hundred and eighty-three is hereby amended by adding at the end thereof the following words, namely: — Any person violating the provisions of this section shall be punished by fine, not exceeding twenty-five dollars. [*Approved May 31, 1887.*

[St. 1888, Chapter 306.]

AN ACT RELATING TO THE CERTIFICATES AND REGISTRY OF DEATHS, AND THE BURIAL AND REMOVAL OF BODIES OF DECEASED PERSONS.

Be it enacted, etc., as follows:

SECTION 1. Section three of chapter thirty-two of the Public Statutes, requiring attending physicians to furnish for registration

certain facts relating to deceased persons, is amended so as to read as follows: — *Section 3.* A physician who has attended a person during his last illness shall, when requested, forthwith furnish for registration, a certificate stating, to the best of his knowledge and belief, the name of the deceased, his age, the disease of which he died, the duration of his last sickness, and the date of his decease. If a physician neglects or refuses to make a certificate as aforesaid, he shall be punished by a fine not exceeding fifty dollars.

SECT. 2. Section five of said chapter, prohibiting the burial or removal of a human body until a proper certificate is furnished, is amended so as to read as follows: — *Section 5.* No undertaker, sexton or other person shall bury in a city or town or remove therefrom the body of a deceased person until he has received a permit so to do from the board of health or its duly appointed agent, or, if there is no board of health in such city or town, from the city or town clerk. No such permit shall be issued until there has been delivered to such board, or agent or clerk, as the case may be, a satisfactory written statement containing the facts required by this chapter to be returned and recorded, together with the certificate of the attending physician, if any, as required by section three of this chapter, or in lieu thereof a certificate as hereinafter provided. If there is no attending physician, or if the certificate of the attending physician can not be obtained, for good and sufficient reasons, early enough for the purpose, the chairman of the board of health or any physician employed by a city or town for the purpose shall, upon request of said board, agent or clerk, make such certificate as is required of the attending physician; and in case of death by violence the medical examiner shall, if requested, make the same. When such satisfactory statement and certificate are delivered to the board of health or to its agent, the board or agent shall forthwith countersign and transmit the same to the clerk or registrar for registration. The person to whom the permit is so given shall thereafter furnish for registration any other information as to the deceased or to the manner and cause of the death, as the clerk or registrar may require. Any person violating any of the provisions of this section shall be punished by a fine not exceeding fifty dollars. [*Approved May 4, 1888.*

[St. 1888, Chapter 63.]

AN ACT TO AMEND SECTION THREE OF CHAPTER THIRTY-TWO OF THE PUBLIC STATUTES RELATING TO THE FURNISHING, BY PHYSICIANS, OF CERTIFICATES OF DEATH.

Be it enacted, etc., as follows:

SECTION 1. Section three of chapter thirty-two of the Public Statutes is hereby amended by striking out after the words "when requested" in the second line thereof, the words "within fifteen days after the decease of such person".

SECT. 2. This act shall take effect upon its passage. [*Approved February 27, 1888.*

[St. 1883, Chapter 158.]

AN ACT IN RELATION TO THE RETURNS OF BIRTHS BY PHYSICIANS AND MIDWIVES.

Be it enacted, etc., as follows:

SECTION 1. Section seven of chapter thirty-two of the Public Statutes is amended so as to read as follows: "Section 7. Physicians and midwives shall, on or before the fifth day of each month, report to the clerk of each city or town, except Boston, a correct list of all children, born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child (if it has any), the sex and color of the child, the name, place of birth and residence of the parents, and the occupation of the father. The fee of the physician or midwife shall be twenty-five cents for each birth so reported, and shall be paid by the city or town in which the report is made."

SECT. 2. This act shall take effect upon its passage. [*Approved May 3, 1883.*

[St. 1887, Chapter 202.]

AN ACT IN RELATION TO THE RETURN AND RECORD OF BIRTHS MARRIAGES AND DEATHS.

Be it enacted, etc., as follows:

SECTION 1. Section five of chapter thirty-seven of the Public Statutes is hereby amended by inserting the word: — deaths, — after the word "births" in the fourth line thereof, so that the same shall read: — also any records of births, deaths and marriages kept by such city or town or by a parish within the same.

SECT. 2. Section four of chapter thirty-two of the Public Statutes is hereby amended by adding at the end thereof the words: — all such returns shall be preserved by said clerk or registrar, and filed, arranged and indexed conveniently for examination and reference.

SECT. 3. Section twenty-four of chapter one hundred and forty-five is hereby amended by adding at the end thereof the words: — all such returns shall be preserved by said clerk or registrar, and filed, arranged and indexed conveniently for examination and reference.

SECT. 4. The provisions of sections two and three of this act shall apply to all returns of marriages and deaths now in the offices of town and city clerks and city registrars.

SECT. 5. Section one of chapter thirty-two of the Public Statutes is hereby amended by inserting after the word "burial" in the twentieth line of said section, the words: — if the deceased was a married woman the name of her husband.

SECT. 6. This act shall take effect upon its passage. [*Approved April 20, 1887.*

[St. 1889, Chapter 208.]

AN ACT IN RELATION TO THE RETURNS OF BIRTHS AND DEATHS.

Be it enacted, etc., as follows:

SECTION 1. The clerk or registrar of each city and town shall on the first day of each month make a certified copy of the record of all deaths and births recorded in the books of said city or town during the previous month, whenever the deceased person or the parents of the child born, were resident in any other city or town in this Commonwealth at the time of said death or birth; and shall transmit said certified copies to the clerk or registrar of the city or town in which such deceased person or parents were resident at the time of said death or birth, stating in addition the name of the street and number of the house, if any, where such deceased person or parents so resided, whenever the same can be ascertained; and the clerk or registrar so receiving such certified copies shall record the same in the books kept for recording deaths or births. Such certified copies shall be made upon blanks to be furnished for that purpose by the secretary of the Commonwealth.

SECT. 2. This act shall take effect upon its passage. [*Approved April 5, 1889.*

[St. 1889, Chapter 224.]

AN ACT RELATING TO CERTIFICATES OF RETURNS OF DEATHS OF SOLDIERS AND SAILORS WHO SERVED IN THE WAR OF THE REBELLION.

Be it enacted, etc., as follows:

SECTION 1. A physician who has attended a person in his last illness in furnishing a certificate for the purposes of registration as required by section three of chapter thirty-two of the Public Statutes shall, in case the deceased was a soldier or a sailor who served in the war of the rebellion, give both the primary and the secondary or immediate cause of death as nearly as he can state the same. If a physician refuses or neglects to make such certificate he shall forfeit to the treasurer the sum of ten dollars for the use of the town in which he resides.

SECT. 2. This act shall take effect upon its passage. [*Approved April 8, 1889.*

[St. 1889, Chapter 288]

AN ACT IN RELATION TO THE RETURNS OF BIRTHS BY PHYSICIANS AND MIDWIVES.

Be it enacted, etc., as follows:

Section seven of chapter thirty-two of the Public Statutes, as amended by chapter one hundred and fifty-eight of the acts of the year eighteen hundred and eighty-three, is hereby further amended by striking out in the second and third lines of said section the words "except Boston", so as to read as follows: — *Section 7.* Physicians and midwives shall on or before the fifth day of each month report to the clerk of each city or town a correct list of all children born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child (if it has any), the sex and color of the child, the name, place of birth and residence of the parents, and the occupation of the father. The fee of the physician or midwife shall be twenty-five cents for each birth so reported and shall be paid by the city or town in which the report is made. [*Approved April 26, 1889.*

[Stat. 1890, Chapter 402.]

AN ACT IN RELATION TO THE RETURN AND RECORD OF DEATHS.

Be it enacted, etc., as follows:

SECTION 1. The last clause of section one of chapter thirty-two of the Public Statutes, as amended by section five of chapter two hundred and two of the acts of the year eighteen hundred and eighty-seven, is hereby further amended so that said clause shall read as follows: — In the record of deaths, the date of the death, the name of the deceased, the sex, the color, the condition (whether single, widowed or married,) the age, the residence, the occupation, the place of death, the place of birth, the names and places of birth of parents, the disease or cause of death, the place of burial, if the deceased was a married woman her maiden name and the name of her husband, and the maiden name of the mother of any deceased person, and the date of the record.

SECT. 2. This act shall take effect upon its passage. [*Approved June 11, 1890.*

[Public Statutes, Chapter 145.]

OF MARRIAGE.

CERTAIN MARRIAGES PROHIBITED.

SECTION 1. No man shall marry his mother, grandmother, daughter, granddaughter, step-mother, sister, grandfather's wife, son's wife, grandson's wife, wife's mother, wife's grandmother, wife's daughter, wife's granddaughter, brother's daughter, sister's daughter, father's sister, or mother's sister.

SECT. 2. No woman shall marry her father, grandfather, son, grandson, step-father, brother, grandmother's husband, daughter's husband, granddaughter's husband, husband's father, husband's grandfather, husband's son, husband's grandson, brother's son, sister's son, father's brother, or mother's brother.

SECT. 3. In all cases in which the relationship mentioned in the two preceding sections is founded on marriage, the prohibition shall continue notwithstanding the dissolution by death or divorce of the marriage on which such relationship is founded, unless the divorce is for a cause which shows such marriage to have been originally unlawful or void.

SECT. 4. All marriages contracted while either of the parties has a former wife or husband living, except as is provided in chapter one hundred and forty-six, shall be void.

SECT. 5. No insane person or idiot shall be capable of contracting marriage.

SECT. 6. No magistrate or minister shall solemnize a marriage, when he has reasonable cause to suppose the male to be under the age of twenty-one years or the female to be under the age of eighteen years, except with the consent of the parent or guardian having the custody of the minor, if there is any such parent or guardian in the commonwealth competent to act.

SECT. 7. Every marriage, solemnized within this commonwealth, which is prohibited on account of consanguinity or affinity between the parties, or on account of either of them having a former wife or husband living, or when either party was insane or an idiot, shall be void without a decree of divorce or other legal process.

SECT. 8. Every marriage solemnized when either party was under the age of consent shall be similarly void, if the parties separate during such nonage, and do not afterwards cohabit.

SECT. 9. The validity of a marriage shall not be questioned in the trial of a collateral issue on account of the insanity or idiocy of either party, but such question shall only be raised in a process instituted to test such validity in the lifetime of both parties.

SECT. 10. When persons resident in this commonwealth, in order to evade any of the provisions of the first five sections of this chapter, and with an intention of returning to reside in this commonwealth, go into another state or country and there have their marriage solemnized, and afterwards return and reside here, the marriage shall be deemed void in this commonwealth.

SECT. 11. When the validity of a marriage is doubted, either party may file a libel for annulling such marriage, or, when the validity of a marriage is denied or doubted by either party, the other party may file a libel for affirming the same. Such libel shall be filed in the same manner as a libel for divorce, and all the provisions of chapter one hundred and forty-six relative to libels for divorce, and section twenty-four of said chapter relative to the powers of the court in relation thereto, shall, so far as applicable, apply to libels under this section. Upon proof of the nullity or validity of the marriage, it shall be declared void or affirmed by a decree of the court, and such decree of nullity may be made notwithstanding the marriage was solemnized out of the commonwealth, if the libellant had his domicil in the commonwealth when the marriage was solemnized and also when the libel was filed, and such decree affirming a marriage shall be conclusive upon all persons concerned.

LEGITIMACY, CARE, ETC., OF ISSUE OF VOID MARRIAGES.

SECT. 12. The issue of a marriage declared void on account of consanguinity or affinity between the parties shall be deemed to be illegitimate.

SECT. 13. The issue of a marriage declared void on account of the nonage, insanity, or idiocy of either party shall be deemed to be the legitimate issue of the parent who was capable of contracting the marriage.

SECT. 14. When a marriage is declared void on account of a prior marriage of either party, and it appears that the second marriage was contracted in good faith and with the full belief of the parties that the former husband or wife was dead, that fact shall be stated in the decree, and the issue of the second marriage, born or begotten before the commencement of the suit, shall be deemed to be the legitimate issue of the parent capable of contracting the marriage.

SECT. 15. Upon or after a decree of nullity the court shall have similar power to make orders concerning the care, custody and maintenance of the minor children of the parties as upon a decree of divorce.

NOTICE OF INTENTION OF MARRIAGE.

SECT. 16. Persons intending to be joined in marriage in this commonwealth shall before their marriage cause notice of their intention to be entered in the office of the clerk or registrar of the city or town in which they respectively dwell, or, if they do not dwell within the commonwealth, in the office of the clerk or registrar of the city or town in which they propose to have the marriage solemnized. If there is no such clerk or registrar in the place of their residence, the entry shall be made in an adjoining city or town.

SECT. 17. The clerk or registrar shall deliver to the parties a certificate under his hand, specifying the time when notice of the intention of marriage was entered with him, together with all facts in relation to the marriage which are required by law to be ascertained and recorded, except those respecting the person by whom the marriage is to be solemnized. . Such certificate shall be delivered to the minister or magistrate before whom the marriage is to be contracted, before he proceeds to solemnize the same.

SECT. 18. If a clerk or registrar issues such certificate to a male under the age of twenty-one years, or to a female under the age of eighteen years, when he has reasonable cause to suppose the person to be under such age, except upon the application or consent in writing of the parent, master, or guardian of such person, he shall forfeit a sum not exceeding one hundred dollars; but if there is no parent, master, or guardian in this commonwealth competent to act, a certificate may be issued without such application or consent.

SECT. 19. The clerk or registrar may require of any person applying for such certificate an affidavit setting forth the age of the parties; which affidavit shall be sworn to before a justice of the peace, and shall be sufficient proof of age to authorize the issuing of the certificate.

SECT. 20. Whoever, when applying for such a certificate, wilfully makes a false statement in relation to the age, residence, parent, master, or guardian of either of the parties intending marriage, shall forfeit a sum not exceeding two hundred dollars.

SECT. 21. When a marriage is solemnized in another state between parties living in this commonwealth, and they return to dwell here, they shall within seven days after their return file with the clerk or registrar of the city or town where either of them lived at the time a certificate or declaration of their marriage, including the facts concerning marriages required by law; and for every neglect so to do they shall forfeit ten dollars.

BY WHOM AND HOW MARRIAGE MAY BE SOLEMNIZED.

SECT. 22. A marriage may be solemnized by a justice of the peace or by a minister of the gospel, ordained according to the usage of his denomination, who resides in the commonwealth and continues to perform the functions of his office; but every marriage shall be

solemnized in the city or town in which the person solemnizing it resides, or in which one or both of the persons to be married reside.

SECT. 23. A marriage among the people called Friends or Quakers may be solemnized in the manner heretofore used and practised in their societies.

SECT. 24. Every justice of the peace, minister, and clerk or keeper of the records of a meeting wherein marriages among Friends or Quakers are solemnized, shall make a record of each marriage solemnized before him, or in such meeting, and of all facts relating to the marriage which are required by law to be recorded. He shall also, between the first and tenth days of each month, return a copy of all such records for the month next preceding to the clerk or registrar of the city or town in which the marriage was solemnized, and shall, when one or both of the parties to the marriage resided in a city or town other than that in which the marriage was solemnized, return a copy of the record of such marriage to the clerk or registrar of the city or town in which either party resided, and to the clerks or registrars of both cities or towns when the parties resided in different places. All marriages so returned shall be recorded by the clerk or registrar, and every person neglecting to make the returns required by this section shall forfeit for each neglect not less than twenty nor more than one hundred dollars. [Amended 1887, 202, § 3.]

SECT. 25. A justice of the peace or minister who joins persons in marriage contrary to the provisions of this chapter, knowing that the marriage is not duly authorized, shall forfeit not less than fifty nor more than one hundred dollars.

SECT. 26. Whoever undertakes to join persons in marriage, knowing that he is not authorized so to do, shall be imprisoned in the jail for a term not exceeding six months, or pay a fine of not less than fifty nor more than two hundred dollars.

SECT. 27. No marriage solemnized before a person professing to be a justice of the peace or a minister of the gospel, or solemnized in the society of Friends according to the usages of said society, shall be deemed or adjudged to be void, nor shall the validity thereof be in any way affected by want of jurisdiction or authority in such person or society, or by an omission or by informality in the manner of entering the intention of marriage, if the marriage is in other respects lawful, and is consummated with a full belief on the part of the persons so married, or of either of them, that they have been lawfully joined in marriage.

SECT. 28. Marriages solemnized in a foreign country by a consul or diplomatic agent of the United States shall be valid in this commonwealth.

EVIDENCE OF MARRIAGE.

SECT. 29. The record of a marriage, made and kept as prescribed by law by the person before whom the marriage has been solemnized, or by the clerk or registrar of a city or town, or a copy of such record duly certified, shall be received in all courts and places as presumptive evidence of such marriage.

SECT. 30. When a marriage has been solemnized by a consul or diplomatic agent of the United States, a copy of the record or a cer-

tificate from such consul or agent shall be presumptive evidence of such marriage.

SECT. 31. When the fact of marriage is required or offered to be proved before a court, evidence of the admission of such fact by the party against whom the process is instituted, or evidence of general repute or of cohabitation as married persons, or any other circumstantial or presumptive evidence from which the fact may be inferred, shall be competent.

[Public Statutes, Chapter 199.]

SECT. 17. For lawfully solemnizing and certifying a marriage, a minister or justice of the peace shall be entitled to receive one dollar and twenty-five cents.

LAWS CONCERNING DIVORCE.

[Public Statutes, Chapter 146.]

CAUSES FOR DIVORCE.

SECTION 1. A divorce from the bond of matrimony may be decreed for adultery, impotency, extreme cruelty, utter desertion continued for three consecutive years next prior to the filing of the libel, gross and confirmed habits of intoxication, cruel and abusive treatment, or, on the libel of the wife, when the husband, being of sufficient ability, grossly, or wantonly and cruelly refuses or neglects to provide suitable maintenance for her.

SECT. 2. Such divorce may also be decreed when either party has separated from the other without his or her consent and has united with a religious sect or society that professes to believe the relation of husband and wife void or unlawful, and has continued united with such sect or society for three years, refusing during that term to cohabit with the other party; or when either party has been sentenced to confinement at hard labor for life or for five years or more in the state prison or in a jail or house of correction; and after a divorce for such cause, no pardon granted to the party so sentenced shall restore such party to his or her conjugal rights.

SECT. 3. When a divorce from bed and board under laws heretofore in force or a divorce nisi has been decreed and the parties have lived separately for three consecutive years next after the decree, a divorce from the bonds of matrimony may be decreed upon the petition of the party in whose favor the previous decree was granted; and when the parties have lived separately for five consecutive years next after such decree, a divorce from the bond of matrimony may be decreed in favor of either party.

SECT. 4. Except as provided in the following section, no divorce shall be decreed if the parties have never lived together as husband and wife in the commonwealth; nor shall a divorce be decreed for a cause occurring in another state or country, unless, before such cause occurred, the parties had lived together as husband and wife in the commonwealth, and one of them lived in the commonwealth at the time when the cause occurred.

SECT. 5. When the libellant has resided in the commonwealth for five years next preceding the filing of the libel, or, if the parties were inhabitants of the commonwealth at the time of their marriage, when the libellant has been such an inhabitant for three years next preceding such filing, a divorce may be decreed for any cause allowed by law, whether it occurred in the commonwealth or elsewhere, unless it appears that the libellant has removed into the commonwealth for the purpose of obtaining a divorce.

LIBELS FOR DIVORCE.

SECT. 6. Libels for divorce shall be heard and determined in the supreme judicial court held for a county in which one of the parties lives, except that, when the libellant has left the county in which the parties have lived together, the adverse party still living therein, the libel shall be heard and determined in the court held for that county. [Amended 1887, 332.]

SECT. 7. Every such libel shall be signed by the libellant, if of sound mind and of legal age to consent to marriage; otherwise it may be signed by the guardian of the libellant or by a person admitted by the court to prosecute the libel as his or her next friend.

SECT. 8. The libel may be presented to the supreme judicial court or to a justice thereof in any county, in term time or vacation, or it may be filed in the office of the clerk of said court in vacation.

SECT. 9. The court, justice or clerk may order the adverse party to be summoned to appear and answer at the court having jurisdiction of the cause, by the publication of the libel or of the substance thereof, with the order thereon, in one or more newspapers to be designated in the order, or by delivering to such party an attested copy of the libel and a summons, or in such other manner as may seem most proper and effectual; but when such order is made by a clerk, the court or any justice thereof may order such additional notice to be given as may seem proper.

SECT. 10. When the adverse party does not appear, and the notice of the pendency of the libel is considered by the court to be defective or insufficient, it may order such further notice as it may consider proper. [Amended 1890, 370.]

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SECT. 18. The court before which a libel for divorce is pending may, without entering a decree of divorce, cause the libel to be continued upon the docket from time to time, and during such continuance may make such orders and decrees concerning a temporary separation of the parties, the separate maintenance of the wife, and the custody and support of minor children, as in its judgment the interests of the parties and the necessities of the case demand, and such orders and decrees may be changed or annulled as the court may determine, and any orders or decrees of said court under this section shall, while they are in force, supersede any order or decree of the probate court under section thirty-three of chapter one hundred and forty-seven, and may suspend the right of said court to act under said section.

SECT. 19. All decrees of divorce shall in the first instance be decrees nisi, to become absolute after the expiration of six months from the entry thereof, on application of either party to the clerk of the court, and on such application the clerk shall enter a final decree, unless the court has for sufficient cause, on application of any party interested, otherwise ordered. [Amended 1882, 223.]

SECT. 20. No libel for divorce on the ground of desertion shall be defeated by a temporary return or other act done by the party deserting, if it appears that such return or other act was not made or done in good faith, but with the intent to defeat the obtaining of a divorce by the other party.

RESUMPTION OF FORMER NAME BY WIFE.

SECT. 21. The court upon granting a divorce to a woman may allow her to resume her maiden name or the name of any former husband.

RIGHT TO MARRY AGAIN.

SECT. 22. After a divorce from the bond of matrimony either party may marry again as if the other were dead, except that the party against whom the divorce was granted shall not marry within two years from the time of the entry of the final decree of divorce.

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FOREIGN DIVORCES.

SECT. 41. A divorce decreed in another state or country according to the laws thereof, and by a court having jurisdiction of the cause and of both the parties, shall be valid and effectual in this commonwealth; but when an inhabitant of this commonwealth goes into another state or country to obtain a divorce for a cause which occurred here while the parties resided here, or for a cause which would not authorize a divorce by the laws of this commonwealth, a divorce so obtained shall be of no force or effect in this commonwealth.

CRIMINAL PROVISIONS.

SECT. 42. If persons divorced from the bond of matrimony cohabit as husband or wife or live together in the same house, they shall be deemed to be guilty of adultery.

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[Stat. 1882, Chapter 194.]

AN ACT CONCERNING STATISTICS OF DIVORCE.

Be it enacted, etc., as follows:

SECTION 1. The clerks of courts for the several counties, and of the supreme judicial court for the county of Suffolk, shall, annually, during the month of February, make returns to the secretary of the Commonwealth in relation to libels for divorce in their respective counties for the calendar year next preceding. Such returns shall specify the following details: the number of libels pending at the beginning of the year; the number of libels filed within the year; the number of divorces granted; the number of divorces refused; the number of libels contested; the number of libels uncontested; the alleged cause for divorce in each case; the sex of the libellant and the length of time the parties have been married; and the number of cases in which notice has been given to the district-attorney for prosecution under section forty-four of chapter one hundred and forty-six of the Public Statutes, and the criminal offence for which divorce has been granted in such cases.

SECT. 2. The secretary shall furnish the said clerks of courts with suitable blank forms for the returns provided for in the preceding section.

SECT. 3. The secretary shall annually prepare from said returns full and complete abstracts and tabular statements of the facts relating to divorces for each county, and embody such abstracts and statements, with necessary analyses, in the annual reports to the legislature relating to the registry of births, deaths and marriages.

SECT. 4. The first return to be made under this act shall include the details specified in section one, so far as practicable, for the years

eighteen hundred and seventy-nine, eighteen hundred and eighty, eighteen hundred and eighty-one, and eighteen hundred and eighty-two.

SECT. 5. This act shall take effect upon its passage. [*Approved May 1, 1882.*

[Stat. 1882, Chapter 223]

AN ACT RELATING TO THE MAKING AND ENTERING OF DECREES OF DIVORCE.

Be it enacted, etc., as follows:

SECTION 1. Section nineteen of chapter one hundred and forty-six of the Public Statutes is amended so as to read as follows: "Section 19. All decrees of divorce shall in the first instance be decrees *nisi*, to become absolute after the expiration of six months from the entry thereof, without further notice thereof by publication or otherwise, on application of either party to the court, or any justice thereof, in term time or vacation; and on such application the court or justice shall make a final decree, unless the court has for sufficient cause, on application of any party interested, otherwise ordered."

SECT. 2. This act shall take effect upon its passage. [*Approved May 15, 1882.*

[Stat. 1884, Chapter 219.]

AN ACT RELATING TO DIVORCE IN CASES OF LONG AND UNEXPLAINED ABSENCE OF THE LIBELLEE.

Be it enacted, etc., as follows:

SECTION 1. A divorce from the bond of matrimony may be decreed for any of the causes allowed by law, notwithstanding the fact that the libellee has been continuously absent for such a period of time and under such circumstances as would raise a presumption of death.

SECT. 2. This act shall take effect upon its passage. [*Approved May 8, 1884.*

[Stat. 1887, Chapter 332.]

AN ACT TO ENLARGE THE JURISDICTION OF THE SUPERIOR AND PROBATE COURTS.

Be it enacted, etc., as follows:

SECTION 1. The superior court shall have exclusive original jurisdiction of all causes of divorce and nullity or validity of marriage, and in such proceedings shall have all powers as to alimony, the custody of children or otherwise which the supreme judicial court has heretofore had and exercised.

SECT. 2. The probate courts of the several counties shall have exclusive original jurisdiction of the petitions of married women concerning their separate estate, and of the petitions or applications concerning the care, custody, education and maintenance of minor children, provided for by sections thirty-one, thirty-two and thirty-six of chapter one hundred forty-seven of the Public Statutes.

SECT. 3. All appeals from orders, sentences, decrees or denials of probate courts on petitions brought under section thirty-three of chapter one hundred and forty-seven of the Public Statutes, and on petitions of married women concerning their separate estates, and on petitions concerning the care, custody, education and maintenance of minor children provided for by sections thirty-one, thirty-two and thirty-six of said chapter one hundred and forty-seven, shall hereafter be taken to the superior court, and all proceedings on such appeals shall be the same, so far as practicable as are now provided by law on like appeals to the supreme judicial court.

SECT. 4. The supreme judicial court as a court of law, shall continue to have and exercise the same jurisdiction on exceptions, report, or otherwise, of questions of law arising in all said matters in the superior court as it has heretofore had and exercised of such questions arising in the supreme judicial court.

SECT. 5. This act shall not affect any case pending in the supreme judicial court at the time when it takes effect.

SECT. 6. The superior court shall establish all necessary rules to regulate the practice under this act. [*Approved May 31, 1887.*

[Stat. 1887, Chapter 320.]

AN ACT TO PROHIBIT ADVERTISING THE BUSINESS OF PROCURING DIVORCES.

Be it enacted, etc., as follows:

SECTION 1. Whoever writes, prints or publishes, or solicits another to write, print or publish, any notice, circular or advertisement soliciting employment in the business of procuring divorces, or offering inducements for the purpose of procuring such employment shall be punished by a fine not exceeding two hundred dollars or by imprisonment in the house of correction for a term not exceeding six months.

SECT. 2. The provisions of section one of this act shall not apply to any person duly admitted as an attorney-at-law in this Commonwealth. [*Approved May 27, 1887.*

[Stat. 1889, Chapter 447.]

AN ACT TO PERMIT THE GRANTING OF DIVORCES IN CASES OF THE EXCESSIVE USE OF OPIUM OR OTHER DRUGS.

Be it enacted, etc., as follows:

A divorce from the bond of matrimony may be decreed for gross and confirmed drunkenness caused by the voluntary and excessive use of opium or other drugs. [*Approved June 7, 1889.*

[Stat. 1890, Chapter 370.]

AN ACT TO AMEND THE PUBLIC STATUTES RELATING TO DIVORCE.

Be it enacted, etc., as follows:

Chapter one hundred and forty-six of the Public Statutes is hereby amended by adding to the tenth section thereof the following words: — In all libels for divorce where the cause alleged is adultery, and where the adverse party does not appear, or is defaulted, the person alleged to be particeps criminis with the

libellee may, in the discretion of the court, be allowed to appear and contest the libel, — so that said section as hereby amended shall read as follows: — *Section 10.* When the adverse party does not appear, and the notice of the pendency of the libel is considered by the court to be defective or insufficient, it may order such further notice as it may consider proper. In all libels for divorce where the cause alleged is adultery, and where the adverse party does not appear, or is defaulted, the person alleged to be particeps criminis with the libellee may, in the discretion of the court, be allowed to appear and contest the libel. [*Approved June 3, 1890.*

[Stat. 1891, Chapter 59.]

AN ACT RELATING TO THE UNLAWFUL ISSUING OF CERTIFICATES OF DIVORCE.

Be it enacted, etc., as follows:

Whoever, except in compliance with an order of a court of competent jurisdiction, shall give, sign or issue any writing purporting to grant a divorce to persons who are husband and wife according to the laws of this Commonwealth, or purporting to be a certificate that a divorce has been granted to such persons, shall be punished by fine not exceeding one thousand dollars or by imprisonment in the jail not exceeding three years, or by both such fine and imprisonment.

[*Approved March 10, 1891.*

LAWS RELATING TO MEDICAL EXAMINERS.

[Public Statutes, Chapter 26.]

OF MEDICAL EXAMINERS.

SECTION 1. The governor shall nominate, and by and with the advice and consent of the council shall appoint, in each county able and discreet men, learned in the science of medicine, to be medical examiners in each county, and every such nomination shall be made at least seven days prior to the appointment.

SECT. 2. The number of medical examiners, appointed as provided in the preceding section, shall be as follows: —

For the county of Barnstable, three examiners, being one in each of the three districts into which said county is divided for said purpose: namely, district one, composed of the towns of Harwich, Dennis, Yarmouth, Brewster, Chatham, Orleans, and Eastham; district two, of the towns of Barnstable, Sandwich, Mashpee, and Falmouth; and district three, of the towns of Provincetown, Truro, and Wellfleet.

For the county of Berkshire, four examiners, being one in each of the four districts into which said county is divided for said purpose: namely, district one, composed of the towns of Williamstown, Clarksburg, Adams, North Adams, Florida, Savoy, New Ashford, and Cheshire; district two, of the towns of Lanesborough, Windsor, Pittsfield, Dalton, Hinsdale, Peru, and Hancock; district three, of the towns of Richmond, Lenox, Washington, Becket, Lee, Stockbridge, Tyringham, and Otis; and district four, of the towns of West Stockbridge, Alford, Great Barrington, Monterey, Sandisfield, New Marlborough, Sheffield, Egremont, and Mount Washington.

For the county of Bristol, four examiners, being one in each of the four districts into which said county is divided for said purpose: namely, district one, composed of the towns of Attleborough, Seekonk, Norton, Mansfield, and Rehoboth; district two, of the city of Taunton and the towns of Raynham, Easton, Berkley, and Dighton; district three, of the city of Fall River and the towns of Somerset, Swanzey, Freetown, and Westport; and district four, of the city of New Bedford and the towns of Dartmouth, Fairhaven, and Acushnet.

For the county of Dukes County, three examiners, being one in each of the three districts into which said county is divided for said purpose: namely, district one, composed of the towns of Edgartown and Cottage City; district two, of the towns of Tisbury and Gosnold; and district three, of the towns of Chilmark and Gay Head.

For the county of Essex, ten examiners, being one in each of the ten districts into which said county is divided for said purpose: namely, district one, composed of the city of Gloucester and the town of Rockport; district two, of the towns of Ipswich, Rowley, Hamilton, and Essex; district three, of the city of Newburyport and the towns of Newbury, West Newbury, Amesbury, and Salisbury; district four, of the city of Haverhill and the towns of Bradford and Merrimac; district five, of the city of Lawrence and the towns of Methuen, Andover, and North Andover; district six, of the towns of Georgetown, Boxford, Topsfield, and Groveland; district seven, of the towns of Beverly, Wenham, and Manchester; district eight, of the towns of Peabody, Danvers, Middleton, and Lynnfield; district nine, of the city of Lynn and the towns of Saugus, Nahant, and Swampscott; and district ten, of the city of Salem and the town of Marblehead.

For the county of Franklin, two examiners, being one in each of the two districts into which said county is divided for said purpose: namely, the eastern district, composed of the towns of Bernardston, Erving, Gill, Greenfield, Leverett, Montague, New Salem, Northfield, Orange, Shutesbury, Sunderland, Warwick, and Wendell; and the western district, composed of the towns of Ashfield, Buckland, Charlemont, Colrain, Conway, Deerfield, Hawley, Heath, Leyden, Monroe, Rowe, Shelburne, and Whately. [Amended 1884, 321, §§ 1, 2.]

For the county of Hampden, four examiners, being one in each of the four districts into which said county is divided for said purpose: namely, district one, composed of the towns of Brimfield, Holland, Palmer, Monson, and Wales; district two, of the city of Springfield and the towns of Agawam, Chicopee, Longmeadow, Ludlow, West Springfield, Wilbraham, and Hampden; district three, of the city of Holyoke; and district four, of the towns of Blandford, Chester, Granville, Montgomery, Russell, Southwick, Tolland, and Westfield.

For the county of Hampshire, four examiners, being one in each of the four districts into which said county is divided for said purpose: namely, district one, composed of the towns of Chesterfield, Cummington, Goshen, Hatfield, Northampton, Plainfield, and Williamsburgh; district two, of the towns of Easthampton, Huntington, Middlefield, Southampton, Westhampton, and Worthington; district three, of the towns of Amherst, Granby, Hadley, Pelham, and South Hadley; and district four, of the towns of Belchertown, Enfield, Greenwich, Prescott, and Ware.

For the county of Middlesex, ten examiners, being one in each of the ten districts into which said county is divided for said purpose: namely, district one, composed of the city of Cambridge and the towns of Belmont and Arlington; district two, of the cities of Malden and Somerville and the towns of Everett and Medford; district three, of the towns of Melrose, Stoneham, Wakefield, Wilmington, Reading, and North Reading; district four, of the towns of Woburn, Winchester, Lexington, and Burlington; district five, of the city of Lowell and the towns of Dracut, Tewksbury, Billerica, Chelmsford, and Tyngsborough; district six, of the towns of Concord, Carlisle,

Bedford, Lincoln, Littleton, Acton, and Boxborough; district seven, of the city of Newton and the towns of Watertown, Waltham, and Weston; district eight, of the towns of Framingham, Wayland, Natick, Sherborn, Holliston, Hopkinton, and Ashland; district nine, of the towns of Marlborough, Hudson, Maynard, Stow, and Sudbury; and district ten, of the towns of Ayer, Groton, Westford, Dunstable, Pepperell, Shirley, Townsend, and Ashby.

For the county of Nantucket, one examiner.

For the county of Norfolk, nine examiners, being one in each of the nine districts into which said county is divided for said purpose: namely, district one, composed of the towns of Dedham, Needham, Wellesley, Norwood, and Dover; district two, of the towns of Hyde Park and Milton; district three, of the towns of Quincy and Randolph; district four, of the towns of Weymouth, Braintree, and Holbrook; district five, of the towns of Stoughton, Canton, Walpole, and Sharon; district six, of the towns of Franklin, Foxborough, and Wrentham; district seven, of the towns of Medway, Medfield, Norfolk, and Bellingham; district eight, of the town of Brookline; and district nine, of the town of Cohasset.

For the county of Plymouth, four examiners, being one in each of the four districts into which said county is divided for said purpose: namely, district one, composed of the city of Brockton and the towns of West Bridgewater, East Bridgewater, Bridgewater, and South Abington; district two, of the towns of Abington, Rockland, Hanover, Hanson, Hingham, South Scituate, and Hull; district three, of the towns of Plymouth, Marshfield, Halifax, Kingston, Scituate, Plympton, Duxbury, and Pembroke; and district four, of the towns of Middleborough, Wareham, Mattapoisett, Carver, Rochester, Lakeville, and Marion. [Amended 1886, 74.]

For the county of Suffolk, two examiners.

For the county of Worcester, eleven examiners, being one in each of the eleven districts into which said county is divided for said purpose: namely, district one, composed of the towns of Athol, Petersham, Phillipston, and Royalston; district two, of the towns of Gardner, Templeton, and Winchendon; district three, of the city of Fitchburg and the towns of Ashburnham, Leominster, Lunenburg, Princeton, and Westminster; district four, of the towns of Berlin, Bolton, Clinton, Harvard, Lancaster, and Sterling; district five, of the towns of Grafton, Northborough, Southborough, and Westborough; district six, of the towns of Mendon, Milford, and Upton; district seven, of the towns of Blackstone, Douglas, Northbridge, and Uxbridge; district eight, of the towns of Charlton, Dudley, Oxford, Southbridge, Sturbridge, and Webster; district nine, of the towns of Brookfield, North Brookfield, Spencer, Warren, and West Brookfield; district ten, of the towns of Barre, Dana, Hubbardston, Hardwick, New Braintree, Oakham, and Rutland; and district eleven, of the city of Worcester and the towns of Auburn, Boylston, Holden, Leicester, Millbury, Paxton, Shrewsbury, Sutton, and West Boylston.

Sect. 3. The governor may also in like manner nominate and appoint an associate medical examiner for the county of Suffolk,

who shall, at the request of either of the medical examiners for said county, perform all the duties and exercise all the powers of a medical examiner in said county, but he shall not in any year be so required to serve for more than one month at the request of either of said medical examiners.

SECT. 4. Said medical examiners and associate medical examiner shall hold their offices for a term of seven years from the time of their respective appointments, but shall be liable to removal from office by the governor and council at any time for cause shown.

SECT. 5. Each medical examiner and the associate medical examiner for Suffolk County shall, before entering upon the duties of his office, be sworn and give bond with sureties to the treasurer of the county, in the sum of five thousand dollars, for the faithful performance of such duties. If he fails to give such bond for thirty days after his appointment, such appointment shall be void.

SECT. 6. The superior court shall each year examine into the sufficiency of all bonds given under the preceding section; and if it appears that any such bond is insufficient, said court shall cause a record of that fact to be made by its clerk, and shall require the party who gave such bond to give a new one, satisfactory to the court, within such time as it shall order.

SECT. 7. A surety on any such bond, or his heirs, executors, or administrators, may petition the superior court, for the county for which the officer who gave it was appointed, to be discharged from such bond, and like proceedings shall thereupon be had as in case of a similar petition by a surety on a sheriff's official bond.

SECT. 8. If the condition of any such bond is broken to the injury of any person, the officer who gave it shall be liable to removal from his office and be subject to like penalties as sheriffs in like cases, and actions may be brought upon such bonds in like manner as upon the official bonds of sheriffs.

SECT. 9. In the county of Suffolk each medical examiner shall receive from the treasurer of the county, in full for all services performed by him, a salary of three thousand dollars a year, and the associate medical examiner a salary of five hundred dollars; but if the said associate medical examiner serves in any year more than two months at the request of either medical examiner, he shall for such service in excess of two months be paid at the same rate as such medical examiner, and such compensation shall be deducted from the salary of the medical examiner in whose stead he serves. The medical examiners in other counties shall receive fees as follows: for a view without an autopsy, four dollars; for a view and autopsy, thirty dollars; and for travel, at the rate of five cents a mile to and from the place of view. [Amended 1885, 379, § 1.]

SECT. 10. Medical examiners shall make examinations, as hereinafter provided, upon the view of the dead bodies of such persons only as are supposed to have come to their death by violence.

SECT. 11. When a medical examiner has notice that there has been found, or is lying within his county, the dead body of a person who is supposed to have come to his death by violence, he shall forthwith repair to the place where such body lies, and take charge of the

same; and if, on view thereof and personal inquiry into the cause and manner of the death, he deems a further examination necessary, he shall, upon being thereto authorized in writing by the district-attorney, mayor, or selectmen of the district, city or town where such body lies, make an autopsy in the presence of two or more discreet persons, whose attendance he may compel by subpœna if necessary, and shall then and there carefully reduce or cause to be reduced to writing every fact and circumstance tending to show the condition of the body and the cause and manner of death, together with the names and addresses of said witnesses, which record he shall subscribe. Before making such autopsy he shall call the attention of the witnesses to the position and appearance of the body.

SECT. 12. If upon such view, personal inquiry, or autopsy, he is of opinion that the death was caused by violence, he shall at once notify the district-attorney and a justice of the district, police, or municipal court for the district or city in which the body lies, or a trial justice, and shall file a duly attested copy of the record of his autopsy in such court or with such justice, and a like copy with such district-attorney; and shall in all cases certify to the clerk or registrar having the custody of the records of births, marriages, and deaths in the city or town in which the person deceased came to his death, the name and residence of the person deceased, if known, or, when the name and residence cannot be ascertained, a description of the person deceased, as full as may be, for identification, together with the cause and manner by and in which he came to his death.

SECT. 13. The court or trial justice shall thereupon hold an inquest, which may be private, in which case any or all persons, other than those required to be present by the provisions of this chapter, may be excluded from the place where such inquest is held; and said court or trial justice may also direct the witnesses to be kept separate, so that they cannot converse with each other until they have been examined. The district-attorney, or some person designated by him, may attend the inquest and examine all witnesses. An inquest shall be held in all cases of death by accident upon a railroad; and the district-attorney or the attorney-general may, if he deems it necessary or expedient, direct an inquest to be held in the case of any other casualty from which the death of a person results.

SECT. 14. The justice or district-attorney may issue subpœnas for witnesses, returnable before such court or trial justice. The persons served with such process shall be allowed the same fees, their attendance may be enforced in the same manner, and they shall be subject to the same penalties, as if served with a subpœna in behalf of the Commonwealth in a criminal prosecution pending before such court or trial justice.

SECT. 15. The presiding justice or trial justice shall, after hearing the testimony, draw up and sign a report, in which he shall find and certify when, where, and by what means the person deceased came to his death, his name if known, and all material circumstances attending his death; and if it appears that his death resulted wholly or in

part from the unlawful act of any other person or persons, he shall further state the name or names of such person or persons, if known to him, and he shall file such report with the records of the superior court in the county wherein the inquest is held.

SECT. 16. If the justice finds that murder, manslaughter, or an assault has been committed, he may bind over, as in criminal prosecutions, such witnesses as he deems necessary, or as the district-attorney may designate, to appear and testify at the court in which an indictment for such offence may be found or presented.

SECT. 17. If a person charged by the report with the commission of an offence is not in custody, the justice shall forthwith issue process for his apprehension, and such process shall be made returnable before any court or magistrate having jurisdiction in the premises, who shall proceed therein in the manner required by law; but nothing herein shall prevent any justice from issuing such process before the finding of such report, if it is otherwise lawful to issue the same. [Amended 1887, 310, § 3.]

SECT. 18. If a medical examiner reports that a death was not caused by violence, and the district-attorney or the attorney-general is of a contrary opinion, either the district-attorney or the attorney-general may, notwithstanding such report, direct an inquest to be held in accordance with the provisions of this chapter, at which inquest he or some person designated by him shall be present and examine all the witnesses.

SECT. 19. The medical examiner may, if he deems it necessary, employ a chemist to aid in the examination of the body or of substances supposed to have caused or contributed to the death, and such chemist shall be entitled to such compensation for his services as the medical examiner certifies to be just and reasonable, the same being audited and allowed in the manner hereinafter provided. A clerk, who may be employed to reduce to writing the results of a medical examination or autopsy, shall be allowed for his services two dollars per day.

SECT. 20. When a medical examiner views or makes an examination of the dead body of a stranger, he shall cause the body to be decently buried; and if he certifies that he has made careful inquiry, and that to the best of his knowledge and belief the person found dead is a stranger having no settlement in any city or town of this commonwealth, his fees, with the actual expense of burial, shall be paid from the treasury of the commonwealth. In all other cases the expense of the burial shall be paid by the city or town, and all other expenses by the county, wherein the body is found. [Amended 1887, 310, § 1.]

SECT. 21. When services are rendered in bringing to land the dead body of a person found in any of the harbors, rivers, or waters of the commonwealth, the medical examiner may allow such compensation for such services as he deems reasonable, but this provision shall not entitle any person to compensation for services rendered in searching for a dead body.

SECT. 22. In all cases arising under the provisions of this chapter, the medical examiner shall take charge of any money or other personal

property of the deceased, found upon or near the body, and shall deliver the same to the person or persons entitled to its custody or possession, or, if not claimed by such person within sixty days, then to a public administrator to be administered upon according to law.

SECT. 23. A medical examiner who fraudulently neglects or refuses to deliver any such property to such person within three days after due demand upon him therefor shall be punished by imprisonment in the jail or house of correction not exceeding two years, or by fine not exceeding five hundred dollars.

SECT. 24. Every medical examiner shall return an account of the expenses of each view or autopsy, including his fees, to the county commissioners having jurisdiction over the place where the examination or view is held, or in the county of Suffolk to the auditor of the city of Boston, and shall annex to his return the written authority under which the autopsy was made. Such commissioners or auditor shall audit such accounts, and certify to the treasurer of the commonwealth or to the treasurer of the county, as the case may be, what items in such account are deemed just and reasonable, and such items shall be paid by said treasurer to the person entitled to receive the same. [Amended 1887, 310, § 2.]

SECT. 25. The fees of trial justices for the services specified in this chapter shall be as follows: namely, for receiving and filing a duly attested copy of the record of an autopsy, fifty cents; for each subpœna issued, ten cents; for each day's attendance in holding the inquest, five dollars; for the recognizance of witnesses, twenty cents; and for drawing up and filing a report in superior court, five dollars. The said fees, having been audited by the district-attorney, shall be paid from the treasury of the county.

[Stat. 1884, Chapter 321.]

AN ACT TO PROVIDE FOR THE APPOINTMENT OF A MEDICAL EXAMINER FOR THE NORTHERN DISTRICT OF THE COUNTY OF FRANKLIN.

Be it enacted, etc., as follows:

SECTION 1. There shall be appointed a medical examiner for a district to be known as the Northern District of the county of Franklin, which shall be composed of the towns of Orange, Warwick, New Salem and Wendell in the county of Franklin.

SECT. 2. So much of section two of chapter twenty-six of the Public Statutes as is inconsistent herewith is hereby repealed.

SECT. 3. This act shall take effect upon its passage. [*Approved June 3, 1884.*]

[Stat. 1886, Chapter 74.]

AN ACT TO ESTABLISH THE NUMBER OF MEDICAL EXAMINERS AND THE DISTRICTS OF THE SAME IN THE COUNTY OF PLYMOUTH.

Be it enacted, etc., as follows:

So much of section two of chapter twenty-six of the Public Statutes as relates to the county of Plymouth is hereby amended so as to read: — For the county of Plymouth, five examiners, being one in

each of the five districts into which said county is divided for said purpose; namely, district one, composed of the city of Brockton and the towns of West Bridgewater, East Bridgewater, Bridgewater and South Abington; district two, of the towns of Abington, Rockland, Hanover, Hanson, South Scituate and Pembroke; district three, of the towns of Plymouth, Halifax, Kingston, Plympton and Duxbury; district four, of the towns of Middleborough, Wareham, Mattapoisett, Carver, Rochester, Lakeville and Marion; and district five, of the towns of Hingham, Hull, Scituate and Marshfield. [*Approved March 17, 1886.*

[Stat. 1885, Chapter 379.]

AN ACT RELATING TO MEDICAL EXAMINERS.

Be it enacted, etc., as follows:

SECTION 1. Section nine of chapter twenty-six of the Public Statutes is amended to read as follows: — *Section 9.* In the county of Suffolk each medical examiner shall receive from the treasurer of the county, in full for all services performed by him, a salary of three thousand dollars a year, and the associate medical examiner a salary of five hundred dollars; but if the said associate medical examiner serves in any year more than two months, at the request of either medical examiner, he shall, for such service in excess of two months, be paid at the same rate as such medical examiner, and such compensation shall be deducted from the salary of the medical examiner in whose stead he serves. The medical examiners in other counties shall receive fees as follows: For a view without an autopsy, five dollars; for a view and autopsy, thirty dollars; and for travel, at the rate of ten cents a mile to and from the place of view.

SECT. 2. When a medical examiner deems it necessary to have a physician present at an autopsy as one of the witnesses, as provided in section eleven of chapter twenty-six of the Public Statutes, such physician shall be allowed five dollars for his services. Other witnesses required by law to be present at an autopsy shall be allowed two dollars each.

SECT. 3. Every medical examiner shall, annually, on or before the first day of March, transmit to the secretary of the commonwealth certified copies of the records of all deaths which have occurred during the year ending on the last day of the preceding December, the cause and manner of which he has investigated, in accordance with the requirements of chapter twenty-six of the Public Statutes: *provided, however,* if the term of office of any medical examiner shall end before the said last day of December, he shall send to the secretary of the commonwealth, within the sixty days next ensuing upon the expiration of his commission as a medical examiner, certified copies of the records of all deaths officially investigated by him during that part of the then current calendar year in which he continued in office.

SECT. 4. Each medical examiner shall be entitled to receive from the treasury of the commonwealth, for recording and returning the facts relating to deaths as herein provided, twenty cents for each of the first twenty entries, and ten cents for each subsequent entry in any year, as certified by the secretary of the commonwealth, and

such allowance and payment shall be made to the medical examiners in Suffolk County for record and returns pursuant to this section, notwithstanding the limitation to the salary fixed by section nine of chapter twenty-six of the Public Statutes as amended by this act. Any medical examiner shall forfeit not less than ten nor more than fifty dollars for each refusal or neglect to fulfil the requirements of section three of this act.

SECT. 5. The secretary shall, at the expense of the commonwealth, prepare and furnish to the several medical examiners, blank books of suitable quality and size, to be used as books of record under this act, and blank forms for returns, on paper of uniform size.

SECT. 6. The secretary shall cause the returns received by him for each year, in accordance with this act, to be bound together in one volume, with indexes thereto; he shall prepare or cause to be prepared from the said returns such tabular results as will render them of practical utility, and shall make report thereof annually to the general court in connection with the report of the registry and return of births, marriages and deaths required by section fifteen of chapter thirty-two of the Public Statutes.

SECT. 7. Every medical examiner shall forthwith file with the district attorney of his district, a report of each autopsy made by him and of his view and personal inquiry in such case under the provisions of chapter twenty-six of the Public Statutes; and shall certify in such report that, in his judgment, the cause and manner of death could not be ascertained by view and inquiry, and that an autopsy was necessary for that purpose. The district attorney shall examine such report, and if of the opinion that such autopsy was necessary shall, except in the county of Suffolk, so certify to the county commissioners, having jurisdiction over the place where the autopsy is held, and no fee for any autopsy shall be certified by the commissioners for payment until such certificate by the district attorney shall have been filed with said commissioners.

SECT. 8. This act shall take effect upon its passage. [*Approved June 19, 1885.*

[Stat. 1887, Chapter 310.]

AN ACT RELATING TO MEDICAL EXAMINERS.

Be it enacted, etc., as follows:

SECTION 1. Section twenty of chapter twenty-six of the Public Statutes is hereby amended to read as follows: — The medical examiner upon the completion of his autopsy in any case arising under the provisions of this chapter, or upon the conclusion of his view or medical examination when an autopsy is deemed unnecessary, shall deliver the dead body, upon their claim therefor, to one or more of the persons hereinafter named; and they shall be entitled thereto as follows: — First, the husband or wife, as the case may be. Second, the next of kin. Third, any friend of the deceased. But if the dead body is unidentified or unclaimed for a period of not less than forty-eight hours following the view thereof, the medical examiner shall deliver the body to the overseers of the poor of the city or

town wherein it is found lying, and said overseers shall decently bury the same in accordance with the provisions of section seventeen of chapter eighty-four of the Public Statutes.

SECT. 2. Section twenty-four of chapter twenty-six of the Public Statutes is hereby amended so as to read as follows: — Every medical examiner shall return an account of the expenses of each view or autopsy, including his fees, to the county commissioners having jurisdiction over the place where the examination or view is held, or in the county of Suffolk to the auditor of the city of Boston, and shall annex to his return the written authority under which the autopsy was made. Such commissioners or auditor shall audit such accounts and certify to the treasurer of the county what items in such account are deemed just and reasonable and such items shall be paid by said treasurer to the person entitled to receive the same.

SECT. 3. Section seventeen of chapter eighty-four of the Public Statutes is hereby amended by striking out the words "except such strangers as are buried by medical examiners under the provisions of section twenty of chapter twenty-six."

SECT. 4. This act shall take effect upon its passage. [*Approved May 26, 1887.*

STATISTICAL NOSOLOGY.

ADOPTED FOR REGISTRATION IN MASSACHUSETTS.

The following plan of a Nomenclature and Classification of Diseases does not essentially differ from that authorized by the Registrar-General of England to be used in the preparation of the "Weekly Return of Births and Deaths in London," and is also, with slight modifications, identical with that embodied in a report drawn up by William Farr, Esq., M.D., of London, for the consideration of the International Statistical Congress which met at Paris in September, 1855; which report was printed in the Appendix to the Sixteenth Registration Report of the Registrar-General, England.

[NOTE.— This page and those that follow contain two lists of causes of death. The first — that on the left side — may be called the TABULAR LIST, and comprises all the heads which it is proposed to admit into the complete tables (IX. and X.), and under which ALL deaths, from whatever cause, are finally distributed. It represents those diseases which, under the same terms, or terms strictly synonymous with them, are found in practice to occur most frequently.

The SUPPLEMENTAL LIST is *subordinate* to the first, and contains the principal *special* diseases which it may be considered desirable to note. The figures in this list indicate the corresponding numbers of the tabular list under which such diseases are ultimately arranged.

Table VIII. includes both the Tabular and Supplemental lists; Tables IX. and X. the Tabular list only.]

CAUSES OF DEATH.

TABULAR LIST.	SUPPLEMENTAL LIST. *Of Diseases of Special Character, or rarely fatal.*
CLASS I. — ZYMOTIC DISEASES.	
ORDER 1. — *Miasmatic.*	
I. 1. — 1. Small-pox	I. 1. — 1. Vaccination not stated. Small-pox (second attack). After vaccination. Erysipelas, &c., after vaccination. Chicken-pox. Miliaria.
2. Measles	
3. Scarlatina	3. Angina maligna.
4. Diphtheria	5. "Spotted fever."
5. Cerebro-spinal Meningitis	6. Mumps. Tonsillitis.
6. Quinsy	
7. Croup	
8. Whooping Cough	
9. Typhoid (and Infantile Fever)	9. Typhus fever.
10. Erysipelas	10. Pyemia. Hospital gangrene. Erythema.
11. Metria (Puerperal Fever)	11. Childbed fever.

CAUSES OF DEATH — (CONTINUED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS I.—(CONTINUED.)	
ORDER 1.—*Miasmatic.*	
I. 1.—12. Carbuncle	12. Anthrax.
13. Influenza	13. Intermittent fever.
14. Dysentery	
15. Diarrhœa	
16. Cholera Infantum	
17. Cholera	
18. Ague	19. Yellow fever.
19. Remittent Fever	20. Rheumatism, with pericarditis, or disease of heart.
20. Rheumatism	
ORDER 2.—*Enthetic.*	
I. 2.—1. Syphilis	I. 2.—1. Gonorrhœa. Purulent ophthalmia.
2. Stricture of Urethra	6. Necusia (usually from dissection wounds).
3. Hydrophobia	
4. Glanders	
5. Malignant Pustule	
6. Septicæmia	
ORDER 3.—*Dietic.*	
I. 3.—1. Privation	I. 3.—1. Want of breast milk.
2. Purpura and Scurvy	2. Rickets. Bronchocele.
3. Delirium Tremens, } (Alcoholism)	
4. Intemperance, } (Alcoholism)	
ORDER 4.—*Parasitic.*	
I. 4.—1. Thrush	I. 4.—2. Porrigo. Scabies. Tape worm. Hydatids. Trichiniasis.
2. Worms, &c.	
CLASS II.—CONSTITUTIONAL DISEASES.	
ORDER 1.—*Diathetic.*	
II. 1.—1. Gout	II. 1.—3. Leucocythæmia. 4. Soft cancer. Epithelioma. Sweeps' cancer. Melanosis. Other kinds of cancer. Polypus (part not stated). Lupus. 6. Bed-sore.
2. Dropsy	
3. Anæmia	
4. Cancer	
5. Noma (Canker)	
6. Mortification	
ORDER 2.—*Tubercular.*	
II. 2.—1. Scrofula	II. 2.—1. Psoas (Lumbar) abscess. White swelling. Cretinism (Goitre). Adenitis, Cellulitis. 2. Tubercular peritonitis. 3. Hæmoptysis. 4. Tubercular meningitis.
2. Tabes Mesenterica	
3. Phthisis (Consumption of Lungs)	
4. Hydrocephalus	
CLASS III.—LOCAL DISEASES.	
ORDER 1.—*Nervous System.*	
III. 1.—1. Cephalitis	III. 1.—1. Phrenitis. Myelitis. 4. Monomania. Fright. Grief. Melancholia. Rage. 6. Hysteria. 8. Laryngismus stridulus. 9. Neuralgia. Ophthalmia. Otitis. Dis. of spinal nerve. Necrencephalus (Ramollissement).
2. Apoplexy	
3. Paralysis	
4. Insanity	
5. Chorea	
6. Epilepsy	
7. Tetanus	
8. Convulsions	
9. *Brain Diseases,* &c.*	

* *Other diseases of the brain, or diseases of the nervous system, not otherwise distinguished, are referred to this head. Mutatis mutandis, the note applies to the corresponding heads in other orders of this class.*

CAUSES OF DEATH — (CONTINUED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS III. — (CONTINUED.)	
ORDER 2. — *Organs of Circulation.*	
III. 2. — 1. Pericarditis*	III. 2. — 1. Carditis.
2. Aneurism	Endocarditis.
3. *Heart Diseases, &c.*	3. Hypertrophia.
	Angina pectoris
	Syncope.
	Arteritis.
	Phlebitis.
	Hydropericardium.
ORDER 3. — *Respiratory Organs.*	
III. 3. — 1. Epistaxis	III. 3. — 2. Œdema glottidis.
2. Laryngitis	4. Empyema.
3. Bronchitis	Hydrothorax.
4. Pleurisy	Diaphragmitis.
5. Pneumonia	Pneumothorax.
6. Asthma	5. Pulmonary apoplexy,
7. *Lung Diseases, &c.*	6. Grinders' asthma.
	Miners' asthma.
	Emphysema.
ORDER 4. — *Digestive Organs.*	
III. 4. — 1. Gastritis	III. 4. — 1. Glossitis.
2. Enteritis	Stomatitis.
3. Peritonitis	Pharyngitis.
4. Ascites	Œsophagitis.
5. Ulceration of Intestines	5. Perforation of —
6. Hernia	6. Congenital.
7. Ileus	Femoral.
8. Intussusception	Inguinal.
9. Stricture of Intestines	Scrotal.
10. Fistula	Umbilical.
11. *Stomach Disease, &c.*	Ventral.
12. *Pancreas Diseases, &c.*	7. Constipation.
13. Hepatitis	9. Strict. œsophagus.
14. Jaundice	11. Dyspepsia.
15. *Liver Disease, &c.*	Pyrosis.
16. *Spleen Disease, &c.*	Gastralgia.
	Hæmatemesis.
	Melæna.
	Hæmorrhoids.
	14. Gall-stones.
	15. Cirrhosis.
ORDER 5. — *Urinary Organs.*	
III. 5. — 1. Nephritis (Bright's Dis., &c.)	III. 5. — 1. Albuminuria.
2. Ischuria	5. Cystirrhœa.
3. Diabetes	6. Diuresis.
4. Calculus (Gravel, &c.)	Hæmaturia.
5. Cystitis	Dis. of prostate.
6. *Kidney Disease, &c.*	Dis. of bladder.
ORDER 6. — *Generative Organs.*	
III. 6. — 1. Ovarian Dropsy	III. 6. — 1. Ovarian tumor.
2. *Disease of Uterus, &c.*	2. Hysteritis, Metritis (inflammation of womb).
	Uterine tumor,
	Polypus uteri.
	Orchitis.
	Hydrocele.

* [See also I. 1. — 20.]

CAUSES OF DEATH — (CONTINUED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS III. — (CONTINUED.)	
ORDER 7. — *Organs of Locomotion.*	
III. 7. — 1. Arthritis	III. 7. — 1. Ostitis. Periostitis.
2. *Joint Disease, &c.* . . .	2. Fragilitas ossium. Mollities ossium. Caries. Necrosis. Exostosis. Hip disease. Spine disease.
ORDER 8. — *Integumentary System.*	
III. 8. — 1. Phlegmon	III. 8. — 1. Abscess (part not stated). Boil. Whitlow.
2. Ulcer	3. Roseola. Urticaria. Eczema. Herpes. Pemphigus. Ecthyma. Impetigo. Psoriasis, &c.
3. *Skin Diseases, &c.* . . .	
CLASS IV. — DEVELOPMENTAL DISEASES.	
ORDER 1. — *Developmental Diseases of Children.*	
IV. 1. — 1. Still-born	IV. 1. — 2. Atelectasis.
2. Premature Birth, and Infantile Debility	5. Anus imperforatus. Cleft palate. Idiocy.
3. Cyanosis	
4. Spina Bifida	
5. Other Malformations . .	
6. Teething	
ORDER 2. — *Developmental Diseases of Women.*	
IV. 2. — 1. Paramenia	IV. 2. — 1. Chlorosis. Climacteria. Menorrhagia.
2. Childbirth. (See Metria I. 1.—9.)	2. Miscarriage. Abortion. Puerperal mania. Puerperal convulsions. Phlegmasia dolens. Cæsarian operation. Extra-uterine fœtation. Flooding. Retention of placenta. Presentation of placenta. Deformed pelvis. Breast abscess.
ORDER 3. — *Developmental Diseases of Old People.*	
IV. 3. — 1. Old Age	
ORDER 4. — *Diseases of Nutrition.*	
IV. 4. — 1. Atrophy and Debility . .	

CAUSES OF DEATH — (CONCLUDED).

TABULAR LIST.	SUPPLEMENTAL LIST.
CLASS V. — VIOLENT DEATHS.	
ORDER 1. — *Accident or Negligence.*	
V 1. — 1. Fractures and Contusions . .	V. I. — 1. Railroad accidents.
2. Wounds	5. Lost at sea.
3. Burns and Scalds . . .	6. Asphyxia.
4. Poison	Strangulation.
5. Drowning	7. Exposure.
6. Suffocation	Cold water.
7. Otherwise *	Frozen.
8. "Casualty" †	Heat.
	Lightning.
	Surgical operation.
ORDER 2. — *Battle.*	
ORDER 3. — *Homicide.*	
ORDER 4. — *Suicide.*	
V. 4. — 1. Wounds	
2. Poison	
3. Drowning	
4. Hanging	
5. Otherwise	
ORDER 5. — *Execution.*	
V. 5. — 1. Hanging	
Sudden, cause unascertained . .	

NOTE. — Cases of "infantile fever" are classed with typhoid, relapsing and other continued fevers, under one name, "typhoid fever;" of "rheumatic fever," with "rheumatism;" of "hemorrhage," and "abscess," with the diseases of the part affected (if that is stated, as it should always be, in the return). As "stricture of the urethra" is almost invariably the result of gonorrhœa, it is classed as I. 2. — 2. All cases of death returned "unknown," or of which the cause is not stated, and cases of "tumor," "inflammation," or "hemorrhage," of which the locality or part affected is not mentioned, are classed as unknown, and therefore not included in the foregoing table of specified causes.

* Manner stated. † Manner not stated; return therefore imperfect.